Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

United States Department of Agriculture

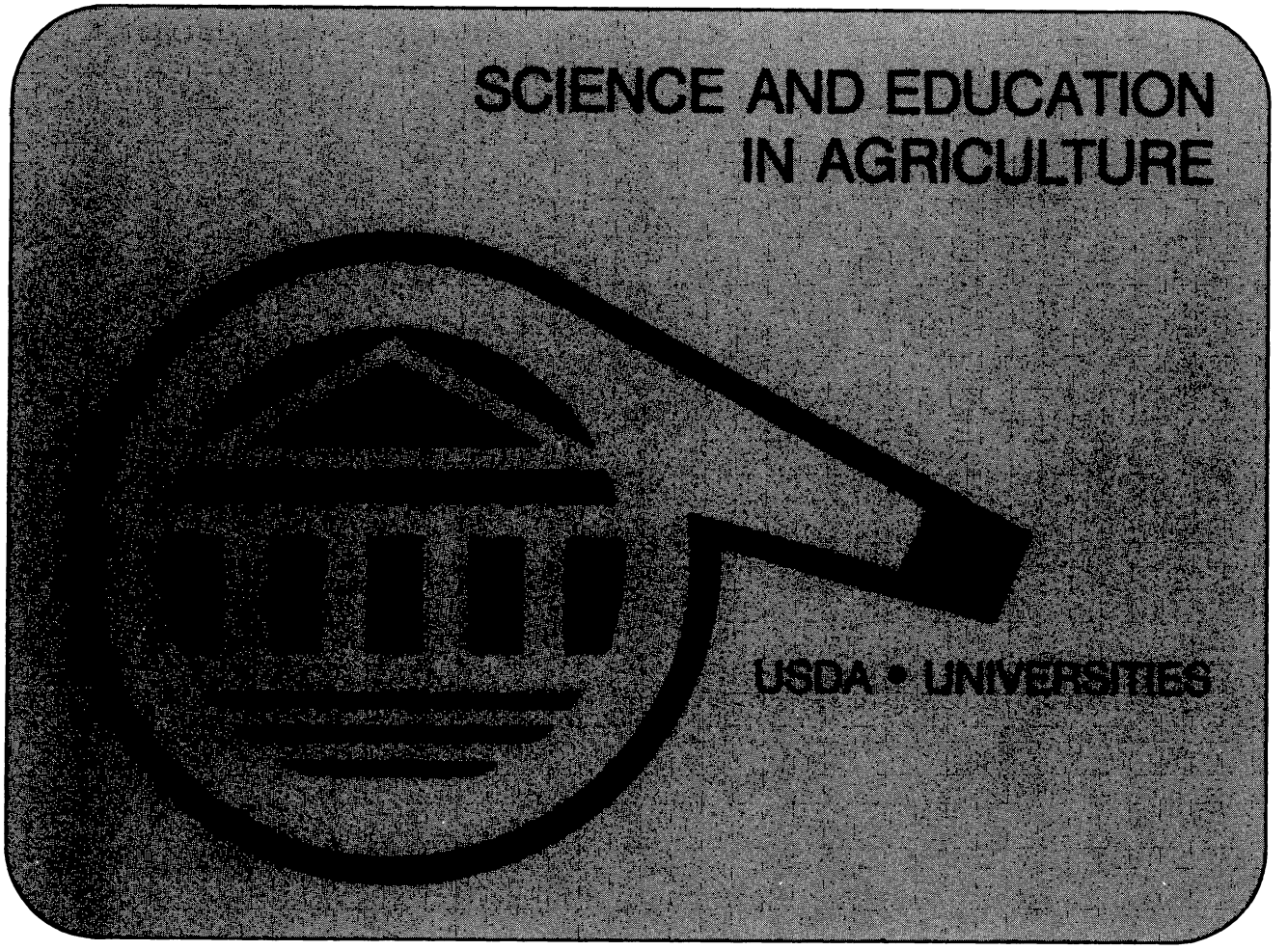
Cooperative State Research Service

April 1982

Inventory of Agricultural Research FY 1979

Volume III
Table V

Research Program Summary



INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG) and Research Program (RP)

FISCAL YEAR 1979

Fiscal Year 1979 covers the period from October 1, 1978 through September 30, 1979

This report was compiled from data supplied to the Current Research Information System, Cooperative State Research Service, by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions.

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

April 1982

TABLE OF CONTENTS - VOLUME III

Introduction	iv-v
Description	vi
CRIS Input Forms	vii-viii
Classification Codes and Descriptors	
Research Program Group/Research Program	ix-x
Commodity or Resource	xi-xii
Research Problem Area	xiii-xvi
Research Program Key (Commodity x RPA)	xvii-xxv

	Pages	
	RPG	RP
National Summaries	1	26-27
Regional Summaries		
Foreign	2	28
Region 1 - Northeast	2	29-30
Region 2 - Southern	2	31-32
Region 3 - North Central	3	33-34
Region 4 - Western	3	35-36
Country/State Summaries by Region		
Foreign		
Argentina, El Salvador, France, Italy, Japan, Kenya	4	37
Netherlands, Pakistan, Taiwan, Thailand	5	38
Region 1 - Northeast		
Connecticut	6	39
Delaware	6	40
District of Columbia	6	41
Maine	7	42
Maryland	7	43-44
Massachusetts	7	45
New Hampshire	8	46
New Jersey	8	47-48
New York	8	49-50
Pennsylvania	9	51-52
Rhode Island	9	53
Vermont	9	54
West Virginia	10	55

CONTENTS - VOLUME III (Cont'd)

	Pages RPG	RP
Region 2 - Southern		
Alabama	11	56-57
Arkansas	11	58-59
Florida	11	60-61
Georgia	12	62-63
Kentucky	12	64
Louisiana	12	65-66
Mississippi	13	67-68
North Carolina	13	69-70
Oklahoma	13	71-72
South Carolina	14	73-74
Tennessee	14	75-76
Texas	14	77-78
Virginia	15	79-80
Puerto Rico	15	81
Virgin Islands	15	82
Region 3 - North Central		
Alaska	16	83
Illinois	16	84-85
Indiana	16	86-87
Iowa	17	88-89
Kansas	17	90-91
Michigan	17	92-93
Minnesota	18	94-95
Missouri	18	96-97
Nebraska	18	98-99
North Dakota	19	100
Ohio	19	101-102
South Dakota	19	103-104
Wisconsin	20	105-106
Region 4 - Western		
Arizona	21	107-108
California	21	109-110
Colorado	21	111-112
Hawaii	22	113
Idaho	22	114-115
Montana	22	116-117
Nevada	23	118
New Mexico	23	119
Oregon	23	120-121
Utah	24	122
Washington	24	123-124
Wyoming	24	125
Guam	25	126

I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA research agencies on Forms AD 416, AD 417, and AD 418, and by State Agricultural Experiment Stations and other Institutions on Forms AD 416, AD 417 and AD 419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity subdivisions. The I-A Tables show data for RPA X Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Areas (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Cooperative State Research Service, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science"- 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of Field Crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn),
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of Field Crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of Field Crops," and 25% would be aggregated with other projects in the Problem Area "Improvement of biological efficiency of Field Crops." In the Commodity tabulations, 100% of this project would be in "corn."

VOLUME III

The material in this Volume has been organized into manageable units and sub-units based on type of research (Agricultural or Forestry), Commodity, and Research Problem Area (RPA) Classification. The various Commodity X RPA Combinations for the two types of research aggregate to 48 Research Programs (RPs) which, in turn, aggregate to seven (7) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. In this publication Forestry Research includes all research performed by Forest Service, Forestry Schools, funded by McIntire-Stennis, or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Duplication has been eliminated by designating each unique Type X Commodity X RPA combination as having a primary impact on only one of the 48 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

The Research Program Key on Pages ix-x shows the Type X Commodity X RPA combinations that aggregate to each RP. Columns 2 and 3 (Agricultural) and 2 and 4 (Forestry) show the combinations which have a primary impact on each research program.

The SYS are listed by performing organization except for USDA Contracts, Grants and Cooperative Agreements with organizations other than the State Agricultural Experiment Stations. These SYS are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)* | AMENDMENT ☐

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 6. STATUS: New A ☐ Extended B ☐ Revised C ☐ Terminated E ☐ Pending F ☐

7. TITLE

8. PERFORMING ORGANIZATION

CITY | STATE/COUNTRY | ZIP CODE | CONG. DISTRICT

13. RESPONSIBLE ORGANIZATION

CITY | 14. STATE | ZIP CODE

12. INVESTIGATOR NAME(S) *(Last name & initials)*

1 _____ 4 _____

2 _____ 5 _____

3 _____ 6 _____

15. RESPONSIBLE INDIVIDUAL *(Last name & initials)*

16. RESEARCH LOCATION ON CAMPUS? A ☐ Yes B ☐ No

PROJECT TYPE

17-1. FOR USDA USE: A ☐ Contract B ☐ Grant C ☐ Coop. Agmt. D ☐ In-house

17-2. FOR USDA USE: Contr./Gr./Agmt. with SAES A ☐ Other B ☐

18-1. FOR STATE USE: 1890/T ☐ SP GR G ☐ RD-V R ☐ CRGO C ☐ Alcohol Ind I ☐ Hatch H ☐ M-S M ☐ State S ☐ Animal Health A ☐

CONTRACTS, GRANTS AND COOPERATIVE AGREEMENTS

18-4. CONTR./GR./AGMT./NO.

19-1. FACE AMOUNT

18-5. FOR STATE USE: AR A ☐ ESCS B ☐ FS C ☐

19-2. TOTAL SYS.

20. FY

21. FACILITIES: A ☐ Federally-owned B ☐ Federally-leased C ☐ Combined D ☐ State E ☐ Other

22.-23. REGIONAL PROJECT NO.

24. OBJECTIVES 25. APPROACH *(Use space needed for "24. OBJECTIVES", then indicate "25. APPROACH".)*

27. KEYWORDS

RECOMMENDED			APPROVED — Check applicable one — CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE *(Day, Mo., Yr.)* | 29. START DATE *(Day, Mo., Yr.)* | 30. TERMINATION *(Day, Mo., Yr.)* | DURATION *(Months)*

FOR USDA USE ☐ Project referred and cleared by all interested agencies for entry into CRIS. | SIGNATURE | DATE

FORM AD-416 (6/79)

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)*

1. ACCESSION NO. | AGENCY IDENTIFICATION NO. 2. 3. 4. | 5. WORK UNIT/PROJECT NO. | 31. HATCH MARKETING ☐ Yes ☐ No %

32. BASIC RESEARCH % | 33. APPLIED RESEARCH % | 34. DEVELOPMENT EFFORT % | 35. FORESTRY %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

	ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	PRODUCT OF (2) X (4) X (6)
	CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)
36.								
37.								
38.								
39.								
40.								
41.								
42.								
43.								
44.								
45.								
46.								
47.								

SPECIAL CLASSIFICATION

Fields 48-77 are used to identify special areas of research such as Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		60.		66.		72.	
49.		55.		61.		67.		73.	
50.		56.		62.		68.		74.	
51.		57.		63.		69.		75.	
52.		58.		64.		70.		76.	
53.		59.		65.		71.		77.	

79. COOPERATORS: A ☐ USDA B ☐ Other Federal Agencies C ☐ Industry and other D ☐ State

COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION

80.

81.

82.

83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION

AD FORM 417 JUN 1979

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER

DATE *(Day, mo., yr.)*

U.S. DEPARTMENT OF AGRICULTURE USE ONLY

1 ACCESSION NO.	AGENCY IDENTIFICATION NO. 2	3	4	5 WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.

7 TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
Regular, In House	(101)	
Regular, Contracts, Grants, Agreements with AES	(102)	
Regular, Contracts, Grants, Agreements with Others	(103)	
Special Funds (015) (ARS) In House	(104)	
Special Funds (010) (ARS) In House	(105)	
Forest Service Research Contracts	(106)	
Other USDA *(Identify)*: _____	(107)	
TOTAL	(131)	
OTHER FEDERAL RESEARCH FUNDS		
Energy Research and Development Administration	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health Education and Welfare (Other)	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Foreign Agricultural Research (PL 480)	(117)	
Other Federal Funds *(Identify)*: _____	(318)	
TOTAL	(332)	
NON-FEDERAL RESEARCH FUNDS		
Trust Funds, In House	(120)	
Trust Funds, Contracts, Grants, Agreements with AES	(121)	
Trust Funds, Contracts, Grants, Agreements with Others	(122)	
Other Non-Federal Funds *(Identify)*:	(123)	
TOTAL	(133)	
TOTAL ALL RESEARCH FUNDS AT LOCATION	(134)	

STAFF SUPPORT		STAFF EFFORT *(years)* ACTUAL	ESTIMATE
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)			
Scientists (GS-11 and above)	(141)		
Professional Support	(142)		
Technical Support	(143)		
Clerical, Labor and Other	(144)		
TOTAL STAFF YEARS	(350)		

SUBMITTED BY | TITLE

Form AD-419 (6/81)

UNITED STATES DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION – RESEARCH FUNDS AND STAFF SUPPORT

FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE

DATE *(Day, mo., year)*

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2.	3.	4.	5. WORK UNIT/PROJECT NO.	22-23. REGIONAL PROJECT NO.	TYPE/GRANT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION *(Round to nearest whole dollar)*	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
Hatch Funds	(201)	
Regional Research Funds	(202)	
McIntire Stennis Funds	(203)	
Grants for Research (PL89-106) ☐ Special Grants ☐ Competitive Grants	(204)	
Other Funds ☐ Animal Health Sec. 1433 ☐ Alcohol Fuels Sec. 1419 ☐ 1890/Tuskegee Sec. 1445 ☐ Rural Development Title V ☐ Native Latex PL95-592 ☐ Other *(Identify)*:	(205)	
TOTAL →	(231)	
OTHER FEDERAL RESEARCH FUNDS		
USDA Contracts Grants Co-op Agreements *(Identify Agency)*:	(219)	
National Science Foundation	(209)	
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Other Federal Funds *(Identify)*: $		
CSRS Administered "Pass Through" Funds		
AID Nitrogen Fixation		
EPA Strip Mine Reclamation		
Department of Energy		
Forest Service		
Other *(Identify)*:	(318)	
TOTAL →	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Appropriations	(220)	
Sale of Products	(221)	
Industry Grants and Agreements	(222)	
Other Non-Federal Funds	(223)	
TOTAL →	(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION →	(234)	

STAFF SUPPORT		STAFF EFFORT – ACTUAL *(years)*
NON-FEDERALLY EMPLOYED STAFF SUPPORT *(Report nearest 0.1)*		
Scientists (Assistant Professor and above)	(241)	
Professional Support	(242)	
Technical Support	(243)	
Clerical, Labor, and Other	(244)	
TOTAL STAFF YEARS →	(350)	

SUBMITTED BY *(Signature)* | TITLE

FORM AD-419 (6/81)

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

1.00 NATURAL RESOURCES
- 1.01 Soil and Land Use
- 1.02 Water and Watersheds
- 1.03 Recreation
- 1.04 Environmental Quality
- 1.05 Weather Modification
- 1.06 Fish and Wildlife
- 1.07 Remote Sensing

2.00 FORESTRY
- 2.01 Inventory and Appraisal of Forestry Resources
- 2.02 Timber Management
- 2.03 Forest Protection
- 2.04 Harvesting, Processing, Marketing of Forest Products
- 2.05 Forest Watersheds, Soils, Pollution
- 2.06 Forest, Range, Wildlife and Fisheries Habitat Development
- 2.07 Forest Recreation, Aesthetics, Landscape Values
- 2.08 Alternate Uses of Land
- 2.09 Technical Assistance

3.00 CROPS (Field and Horticultural)
- 3.01 Corn
- 3.02 Grain Sorghum
- 3.03 Wheat
- 3.04 Other Small Grains
- 3.05 Rice
- 3.06 Soybeans
- 3.07 Peanuts
- 3.08 Sugar
- 3.09 Forage, Pasture and Range
- 3.10 Cotton
- 3.11 Tobacco
- 3.12 New Crops and Minor Oilseeds
- 3.13 Fruit
- 3.14 Vegetable Crops
- 3.15 Plants to Enhance Man's Environment
- 3.16 Bees and Other Pollinating Insects

RESEARCH PROGRAM GROUP/RESEARCH PROGRAM

4.00 ANIMALS
- 4.01 Beef
- 4.02 Dairy
- 4.03 Poultry
- 4.04 Sheep
- 4.05 Swine
- 4.06 Other Animals
- 4.07 Aquatic Foods and Feedstuffs

5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS
- 5.01 Food and Nutrition
- 5.02 Food Safety
- 5.03 Rural Development and Quality of Family Living
- 5.04 Insects Affecting Man and His Belongings
- 5.05 Research on Administration of Research

6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME
- 6.01 Farm Adjustment, Prices and Income
- 6.02 Foreign Agricultural Trade and Economic Development
- 6.03 Marketing and Competition

7.00 GENERAL RESOURCE OR TECHNOLOGY
- 7.01 General Resource or Technology

9.00 UNCLASSIFIED
- 9.01 Unclassified

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

COMMODITY, RESOURCE OR TECHNOLOGY NOT ASSOCIATED WITH SPECIFIC COMMODITIES

COMMODITIES OR RESOURCES

0100 Soil and Land
0200 Water
0300 Watersheds and River Basins
0400 Air and Climate
0500 Recreation Resources
0600 Trees, Forests and Forest Products (Excluding Edible Tree Nut Crops (See 1015), and Tung (See 2560)
0700 Range
0800 Fish, Shellfish, Game and Fur-Bearing Animals and Other Wildlife and their Habitats
0900 Citrus and Subtropical Fruit
1000 Deciduous and Small Fruits and Edible Tree Nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and Turf
1400 Corn (Includes Popcorn). (For Sweetcorn, See 1280)
1500 Grain Sorghum
1600 Rice
1700 Wheat
1800 Other Small Grains
1900 Pasture
2000 Forage Crops
2100 Cotton (Including Cottonseed for Planting Purposes)
2200 Cottonseed (For Meal, Oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other Oilseed and Oil Crops (Excluding Cottonseed)
2600 Tobacco
2700 Sugar Crops
2800 Miscellaneous and New Crops
2900 Poultry
3000 Beef Cattle
3100 Dairy Cattle
3200 Swine
3300 Sheep and Wool
3400 Other Animals (See 0850 for Fur-Bearing Animals)
3500 Bees and Honey and Other Pollinating Insects
3600 General Purpose Supplies
Includes: Machinery, Equipment, Fertilizers, Feedstuffs, and Pesticides
3700 Clothing and Textiles
3800 Food (Not Readily Associated with Specific Plant and Animal Products)
3900 Structures and Facilities
4000 People as Individual Workers, Consumers and Members of Society
4100 The Family and Its Members
4200 The Farm as a Business Enterprise

COMMODITY OR RESOURCE

4300 Communities, Areas and Regions, including Counties and States and their Institutions and Organizations
4400 Agricultural Economy of United States and Sectors thereof, including interrelationships with the Total Economy
4500 Agricultural Economy of Foreign Countries and Sectors thereof, including Interrelationships with the Total Economy
4600 Farmer Cooperatives
4700 Marketing, Processing and Supply Firms other than Cooperatives
4800 Marketing Systems and Sectors thereof
6100 Weeds
6200 Seed Research
6300 Biological Cell Systems
6400 Experimental Design and Statistical Methods
6500 Invertebrates (Including Insects, Mites, Ticks, Snails, Slugs, and Leeches)
6600 Microorganisms, Viruses, Etc.
6700 Plants
6800 Animals (Vertebrates)
6900 Research on Research Management (Not Research Management *per se*)
7000 Research Equipment and Technology (Such as Remote Sensing)

RESEARCH PROBLEM AREAS (RPA'S)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

101 Appraisal of Soil Resources
102 Soil, Plant, Water, Nutrient Relationships
103 Management of Saline and Sodic Soils and Salinity
104 Alternative Uses of Land
105 Conservation and Efficient Use of Water

106 Efficient Drainage and Irrigation Systems and Facilities
107 Watershed Protection and Management
108 Economic and Legal Problems in Management of Water and Watersheds
109 Adaptation to Weather and Weather Modification
110 Appraisal of Forest and Range Resources

111 Biology, Culture and Management of Forests and Timber-Related Crops
112 Improvement of Range Resources
113 Remote Sensing
114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

201 Control of Insects Affecting Forests
202 Control of Diseases, Parasites and Nematodes Affecting Forests
203 Prevention and Control of Forest and Range Fires
204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops

205 Control of Diseases and Nematodes of Fruit and Vegetable Crops
206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
208 Control of Diseases and Nematodes of Field Crops and Range

209 Control of Weeds and Other Hazards of Field Crops and Range
210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals
211 Control of Diseases of Livestock, Poultry and Other Animals
212 Control of Internal Parasites of Livestock, Poultry, and Other Animals

213 Protect Livestock, Poultry and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
214 Protection of Plants, Animals, and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS AT DECREASING REAL PRODUCTION COSTS

301 Genetics and Breeding of Forest Trees
302 New and Improved Forest Engineering Systems
303 Economics of Timber Production
304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
305 Mechanization of Fruit and Vegetable Crop Production

306 Production Management Systems for Fruits and Vegetables
307 Improvement of Biological Efficiency of Field Crops
308 Mechanization of Production of Field Crops
309 Production Management Systems for Field Crops
310 Reproductive Performance of Livestock, Poultry and Other Animals

311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
312 Environmental Stress in Production of Livestock, Poultry and Other Animals
313 Production Management Systems for Livestock, Poultry and Other Animals

314 Bees and Other Pollinating Insects
315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment
316 Farm Business Management
317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING PRODUCT QUALITY

401 New and Improved Forest Products
402 Production of Fruit and Vegetable Crops with Improved Acceptability
403 New and Improved Fruit and Vegetable Products and Byproducts
404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
405 Production of Field Crops with Improved Acceptability

406 New and Improved Food Products from Field Crops
407 New and Improved Feed, Textile, and Industrial Products from Field Crops

408 Quality Maintenance in Storing and Marketing Field Crops
409 Production of Animal Products with Improved Acceptability

410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products
411 New and Improved Non-Food Animal Products
412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

501 Improvement of Grades and Standards--Crop and Animal Products
502 Development of Markets and Efficient Marketing of Timber and Related Products
503 Efficiency in Marketing Agricultural Products and Production Inputs*
506 Supply, Demand and Price Analysis--Crop and Animal Products

507 Competitive Interrelationships in Agriculture
508 Development of Domestic Markets for Farm Products
509 Performance of Marketing Systems
510 Group Action and Market Power
511 Improvement in Agricultural Statistics

512 Improvement of Grades and Standards of Forest Products
513 Supply, Demand and Price Analysis--Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

601 Foreign Market Development
602 Evaluation of Foreign Food Aid Programs
603 Technical Assistance to Developing Countries
604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

701 Insure Food Products Free of Toxic Residues from Agricultural Sources
702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
703 Food Choices, Habits, and Consumption
704 Home and Commercial Food Service

705 Selection and Care of Clothing and Household Textiles
706 Control of Insect Pests of Man and His Belongings
707 Prevent Transmission of Animal Diseases and Parasites to Man
708 Human Nutrition
709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

801 Housing
802 Individual and Family Decision Making and Resource Use and Family Functioning
803 Causes of Poverty Among Rural People
804 Improvement of Economic Potential of Rural People

*This RPA incorporates research formerly included under RPA's 503, 504, and 505.

GOAL VIII: (Continued)

805 Communication and Education Processes
806 Individual and Family Adjustment to Change
807 Structural Changes in Agriculture
808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
902 Outdoor Recreation
903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife

905 Trees to Enhance Rural and Urban Environment
906 Culture and Protection of Ornamentals and Turf
907 Improved Income Opportunities in Rural Communities
908 Improvement of Rural Community Institutions and Services

RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
1.01 Soil and Land Use	0100, 6700	101-107	103,106, 105
	6100	105	
	3900	--	--
1.02 Water and Watersheds	0200	102,103-108	102,103,104,106, 108
	0300	104,107,108,302,903	104,108,903
	3900	106,107	--
	6300	102	
	6700	102,105	102,105
1.03 Recreation	0500, 0600	902,903	903
1.04 Environmental Quality	All Commodities	214,901	--
1.05 Weather Modification	All Commodities	109	109
1.06 Fish and Wildlife	0810,0830-0890,6500	410,903,904,412	410,903, 412
1.07 Remote Sensing	All Commodities	113	113

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," funded by McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
2.01 Inventory and Appraisal of Forestry Resources	0100	110	110
	0200	110	110
	0500	110	110
	0600	110	110,113,318
	0700	--	110
	0810,0820,0821,0822	110	110
	0830-0890	110	110
	6400	--	318
	7000	--	110,113
2.02 Timber Management	0600	111,301, 112	111,301, 112
	2000	--	307
	7000	--	111
2.03 Forest Protection	0600	201-203	201-203
	0700	--	203
	0800	203, 111	203
2.04 Harvesting, Processing, Marketing of Forest Products	0300	--	302
	0600	302,303,401,502, 512,513	302,303,401,502, 512,513,604,801, 808
	3600	513	513
	3900	401,513	401,513,801
	7000	--	302
2.05 Forest Watersheds, Soils Pollution	0100	--	101,102,107,901
	0200	--	105,107,901
	0300	--	107,901, 103
	0400	--	901
	0600	102,106,107, 103, 105	107,214,901,106
	0700	--	107

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY(Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
2.06 Forest, Range, Wildlife and Fisheries Habitat Development	0600	904	904
	0700	--	112
	0810,0830-0890	--	904,112
	0820,0821,0822	--	904
2.07 Forest Recreation Aesthetics, Landscape Values	0500	--	902
	0600,1391	--	902,905
	1000	--	906
	1391	--	906
2.08 Alternate Uses of Land	0100	--	104
	0200	--	104
	0300	--	903
	0500	--	903
	0600	903	903
	0700	--	903
	0810,0830-0890	--	903
	0820,0821,0822	--	903
2.09 Technical Assistance	0600	--	601,603
	4300	--	907

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," funded by McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
3.01 Corn	1400	103,102,105,106,107,112,207-209,307-309, 315, 405-408, 501	Same as Agricultural
3.02 Grain Sorghum	1500	Same as RP 3.01	Same as Agricultural
3.03 Wheat	1700	Same as RP 3.01	Same as Agricultural
3.04 Other Small Grains	1800	Same as RP 3.01	Same as Agricultural
3.05 Rice	1600	Same as RP 3.01	Same as Agricultural
3.06 Soybeans	2300	Same as RP 3.01	Same as Agricultural
3.07 Peanuts	2400	Same as RP 3.01	Same as Agricultural
3.08 Sugar	2700	Same as RP 3.01	Same as Agricultural
3.09 Forage, Pasture and Range	0700	102,107,110,112,203,213,207-209,307.903,904,105	102,207-209,307,903,904
	1900	Same as RP 3.01	Same as Agricultural
	2000	Same as RP 3.01	105,207-209,308,309,405-408,501,112,106

1/ All research except that included under Forestry.

2/ All research performed by "Forest Service," by "Forestry Schools," funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL) (Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
3.10 Cotton	2100	102,105,207-209,307-309, 405, 507,408,501,709	Same as Agricultural
	2200	308,309,405-408,501	Same as Agricultural
3.11 Tobacco	2600	207-209,307-309,405, 407,408,501,709	Same as Agricultural
3.12 New Crops and Minor Oilseeds	2500	Same as RP 3.01	Same as Agricultural
	2800	204-209,304-309,402-408,501,709	Same as Agricultural
3.13 Fruit	0900	204-206,304-306,402-404,501,102,106,107	Same as Agricultural
	1000	Same as above plus 906, 105	Same as Agricultural
3.14 Vegetable Crops	1100	106,204-206,304-306, 402-404,501,318,105	Same as Agricultural
	1200	102,103,204-206,304-306,402-404,501,105,318 106	Same as Agricultural
3.15 Plants to Enhance Man's Environment	0600	905	Same as Agricultural
	1300, 1310, 1320, 1330 1339	105, 905,906, 102, 318	Same as Agricultural
	1391	905,106	--
3.16 Bees and Other Pollinating Insects	3500	314	Same as Agricultural

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," funded by McIntire-Stennis," or designated Forestry by the Cooperative State Research Service
NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 4.00 ANIMALS

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
4.01 Beef	3000	210-213,310-313,318 317,409-412,501	Same as Agricultural
4.02 Dairy	3100	Same as RP 4.01	Same as Agricultural
4.03 Poultry	2900	Same as RP 4.01	Same as Agricultural
4.04 Sheep	3300	Same as RP 4.01 Plus 709	Same as Agricultural
4.05 Swine	3200	Same as RP 4.01	Same as Agricultural
4.06 Other Animals	3400	Same as RP 4.01	Same as Agricultural
4.07 Aquatic Foods and Feedstuffs	0820,0821,0822	410-412,501,903 904	Same as Agricultural

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
5.01 Food and Nutrition	3800	318,403-046,408-410,412,501,703,704,708	Same as Agricultural
	All Commodities	703,704,708	Same as Agricultural
5.02 Food Safety	3800	701,702	Same as Agricultural
	All Commodities	701,702	Same as Agricultural
5.03 Rural Development and Quality of Family Living	0600	801	Same as Agricultural
	3600	317,709	Same as Agricultural
	3700	705,709	Same as Agricultural
	3900	709,801	709
	4000	707,709,801-806,908 907	Same as Agricultural
	4100	707,801-806,907,908	Same as Agricultural
	4300	803,805,806,902, 907,908,802	803,805,806,908
5.04 Insects Affecting Man and his Belongings	All Commodities	706	Same as Agricultural
5.05 Research on Administration of Research	6900	114	Same as Agricultural

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

RESEARCH PROGRAM GROUP (RPG) 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
6.01 Farm Adjustment, Prices and Income	All Commodities except 0600	315,316,511,807, 808	315,316,511,807, 808
	0600	808	--
6.02 Foreign Agricultural Trade and Economic	All Commodities except 0600	601-604	Same as Agricultural
	0600	604	--
6.03 Marketing and Competition	All Commodities	503,506-510	Same as Agricultural

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

NOTE: The designation "--" indicates no entry.

RESEARCH PROGRAM GROUP (RPG) 7.00 GENERAL RESOURCE OR TECHNOLOGY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
7.01 General Resource or Technology	0600	318	Same as Agricultural
	3600	501	Same as Agricultural
	3900	317	Same as Agricultural
	6100	318, 209	Same as Agricultural
	6200	304, 307, 318, 402, 408,501, 209	Same as Agricultural
	6300	318	Same as Agricultural
	6400	102, 318, 106	--
	6500	211, 318	Same as Agricultural
	6600	102, 208, 318, 707	Same as Agricultural
	6700	204-209, 304-309, 318, 402-408, 501	Same as Agricultural
	6800	210-213, 310-313, 317, 318, 409-412 501	Same as Agricultural
	7000	110, 111, 302, 304, 311, 318, 405, 307 410	304, 311, 318

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools,"or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service

Note: The designation "--" indicates no entry.

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

RESEARCH PROGRAM GROUP SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	395.5	81.6	7.2	484.3	760.3	36.7	1.3	798.3	1282.6
RPG 2.00: FOREST RESOURCES	6.3	.0	934.3	940.6	409.2	1.0	196.7	606.8	1547.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1293.3	4.9	2.5	1300.7	2473.6	53.4	.5	2527.5	3828.2
RPG 4.00: ANIMALS	448.0	2.4	.0	450.4	1214.4	34.7	.0	1249.2	1699.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	279.2	57.8	.0	337.0	661.5	86.7	.0	748.2	1085.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	75.4	329.4	.0	404.8	350.6	10.3	.3	361.2	766.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	344.4	.0	.0	344.4	592.3	4.5	.1	596.9	941.4
RPG 9.00: UNCLASSIFIED	8.6	.0	.0	8.6	102.5	.0	21.5	124.0	132.6
GRAND TOTAL	2850.9	476.1	944.0	4271.0	6564.3	227.4	220.5	7012.2	11283.1

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 2.00: FOREST RESOURCES	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.0	.0	.0	9.0	.0	.0	.0	.0	9.0
RPG 4.00: ANIMALS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.8	.0	.0	.8	.0	.0	.0	.0	.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.7	.0	.0	6.7	.0	.0	.0	.0	6.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	17.1	.0	.0	17.1	.0	.0	.0	.0	17.1
GRAND TOTAL	35.6	.0	.0	35.6	.0	.0	.0	.0	35.6

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 1

RESEARCH PROGRAM GROUP SUMMARY

NORTHEAST REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	74.0	42.3	.0	116.2	120.9	3.4	.0	124.3	240.5
RPG 2.00: FOREST RESOURCES	5.3	.0	109.3	114.6	79.7	.0	8.2	87.9	202.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	163.8	1.9	.0	165.7	287.6	4.1	.0	291.7	457.4
RPG 4.00: ANIMALS	191.2	.0	.0	191.2	158.5	.9	.0	159.4	350.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	142.6	52.3	.0	194.9	144.9	7.0	.0	151.9	346.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	11.7	287.9	.0	299.5	56.8	.0	.0	56.8	356.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	145.1	.0	.0	145.1	86.4	.1	.0	86.4	231.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
GRAND TOTAL	733.6	384.3	109.3	1227.2	942.8	15.5	8.2	966.5	2193.7

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

RESEARCH PROGRAM GROUP SUMMARY

SOUTHERN REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	117.1	10.2	.0	127.3	202.0	33.3	.1	235.4	362.6
RPG 2.00: FOREST RESOURCES	.0	.0	225.6	225.6	165.2	.9	17.6	183.7	409.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	542.1	2.3	.0	544.4	1059.2	47.8	.0	1107.0	1651.4
RPG 4.00: ANIMALS	88.6	.0	.0	88.6	464.9	31.7	.0	496.6	585.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	62.9	3.8	.0	66.7	162.7	74.0	.0	236.7	303.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	26.1	18.5	.0	44.6	115.4	10.3	.3	126.0	170.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	71.3	.0	.0	71.3	131.2	3.5	.0	134.8	206.1
RPG 9.00: UNCLASSIFIED	.9	.0	.0	.9	47.3	.0	.3	47.6	48.5
GRAND TOTAL	908.8	34.8	225.6	1169.2	2347.9	201.6	18.3	2567.7	3736.9

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH CENTRAL REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	80.1	16.2	3.6	99.9	206.5	.0	.1	206.5	306.4
RPG 2.00: FOREST RESOURCES	.0	.0	242.8	242.8	84.0	.0	21.8	105.8	348.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	279.1	.7	2.0	281.8	542.8	1.5	.5	544.8	826.6
RPG 4.00: ANIMALS	106.5	1.2	.0	107.7	360.8	2.1	.0	362.9	470.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	45.5	1.7	.0	47.2	184.6	5.7	.0	190.3	237.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	22.1	16.8	.0	38.8	113.0	.0	.0	113.0	151.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	70.5	.0	.0	70.5	182.1	.9	.0	183.0	253.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	34.3	.0	.0	34.3	34.3
GRAND TOTAL	603.9	36.5	248.4	888.8	1708.0	10.2	22.4	1740.6	2629.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WESTERN REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	124.4	13.0	3.6	140.9	231.0	.0	1.2	232.1	373.0
RPG 2.00: FOREST RESOURCES	.0	.0	356.6	356.7	80.3	.1	149.1	229.5	586.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	299.4	.0	.5	299.9	584.0	.0	.0	584.0	883.9
RPG 4.00: ANIMALS	60.7	1.2	.0	61.9	230.3	.0	.0	230.3	292.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	27.5	.0	.0	27.5	169.3	.0	.0	169.3	196.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.9	6.3	.0	15.2	65.4	.0	.0	65.4	80.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	40.4	.0	.0	40.4	192.6	.0	.1	192.7	233.0
RPG 9.00: UNCLASSIFIED	7.7	.0	.0	7.7	12.9	.0	21.2	34.1	41.8
GRAND TOTAL	569.0	20.5	360.7	950.2	1565.7	.1	171.6	1737.4	2687.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

ARGENTINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

EL SALVADOR

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.8	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	.8	.0	.0	.8	.0	.0	.0	.0	.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

FRANCE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 2.00: FOREST RESOURCES	.4	.0	.0	.4	.0	.0	.0	.0	.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.2	.0	.0	1.2	.0	.0	.0	.0	1.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

ITALY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

JAPAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 2.00: FOREST RESOURCES	.6	.0	.0	.6	.0	.0	.0	.0	.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

KENYA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 4.00: ANIMALS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY NETHERLANDS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.3	.0	.0	.3	.0	.0	.0	.0	.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.7	.0	.0	1.7	.0	.0	.0	.0	1.7
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY PAKISTAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY TAIWAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM GROUP SUMMARY THAILAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.5	.0	.0	6.5	.0	.0	.0	.0	6.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.0	.0	.0	5.0	.0	.0	.0	.0	5.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	14.3	.0	.0	14.3	.0	.0	.0	.0	14.3
GRAND TOTAL	25.8	.0	.0	25.8	.0	.0	.0	.0	25.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY CONNECTICUT

	AR	ESCS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORRS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	4.5	2.7	.0	7.2	7.2
RPG 2.00: FOREST RESOURCES	.0	.0	14.3	14.3	9.1	1.3	.0	10.4	24.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	17.1	3.7	.0	20.8	20.8
RPG 4.00: ANIMALS	.0	.0	.0	.0	.9	9.4	.0	10.4	10.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	3.9	5.7	.0	9.6	9.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.3	.0	2.3	2.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.6	.6	.0	4.2	4.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	5.4	.0	5.4	5.4
GRAND TOTAL	.0	.0	14.3	14.3	39.1	31.1	.0	70.2	84.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DELAWARE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	3.2	3.0	.0	6.2	6.2
RPG 2.00: FOREST RESOURCES	1.3	.0	.0	1.3	1.8	.0	.0	1.8	3.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	6.5	.9	.0	7.4	7.4
RPG 4.00: ANIMALS	2.5	.0	.0	2.5	6.4	.3	.0	6.7	9.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.2	.0	.0	.2	2.4	4.0	.0	6.4	6.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.7	.0	.0	3.7	.4	.0	.0	.4	4.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	7.7	.0	.0	7.7	22.2	8.2	.0	30.4	38.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY DISTRICT OF COLUMBIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.3	31.4	.0	31.6	.0	.0	.0	.0	31.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.0	1.9	.0	10.9	.0	.0	.0	.0	10.9
RPG 4.00: ANIMALS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.2	50.0	.0	50.2	.0	.0	.0	.0	50.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	285.7	.0	285.7	.0	.0	.0	.0	285.7
GRAND TOTAL	9.6	368.9	.0	378.5	.0	.0	.0	.0	378.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MAINE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.2	.0	.0	2.2	6.1	.0	.0	6.1	8.3
RPG 2.00: FOREST RESOURCES	.0	.0	7.2	7.2	18.1	.0	.0	18.1	25.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.8	.0	.0	2.8	14.5	.0	.0	14.5	17.3
RPG 4.00: ANIMALS	.0	.0	.0	.0	9.1	.0	.0	9.1	9.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
GRAND TOTAL	5.0	.0	7.2	12.2	59.1	.0	.0	59.1	71.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MARYLAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	37.9	1.5	.0	39.4	8.2	.4	.0	8.6	48.1
RPG 2.00: FOREST RESOURCES	1.4	.0	6.0	7.4	7.6	.0	.0	7.6	14.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	106.4	.0	.0	106.4	26.9	1.2	.0	28.1	134.5
RPG 4.00: ANIMALS	100.5	.0	.0	100.5	22.2	.5	.0	22.7	123.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	96.2	.0	.0	96.2	12.0	3.0	.0	15.1	111.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	10.8	.0	.0	10.8	3.0	.0	.0	3.0	13.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	134.3	.0	.0	134.3	3.3	.1	.0	3.3	137.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	487.5	1.5	6.0	495.0	83.8	5.2	.0	89.0	584.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY MASSACHUSETTS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RPG 2.00: FOREST RESOURCES	2.4	.0	4.2	6.6	5.9	.0	.0	5.9	12.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.6	16.8	.0	.0	16.8	17.4
RPG 4.00: ANIMALS	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	3.0	.0	4.2	7.2	45.2	.0	.0	45.2	52.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW HAMPSHIRE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RPG 2.00: FOREST RESOURCES	.0	.0	16.9	16.9	6.0	.0	.0	6.0	22.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	1.0	3.3	.0	.0	3.3	4.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.0	.0	1.0	.9	.0	.0	.9	1.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	2.0	16.9	18.9	26.3	.0	.0	26.3	45.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW JERSEY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	26.6	.0	.0	26.6	26.6
RPG 2.00: FOREST RESOURCES	.0	.0	3.2	3.2	4.9	.0	.0	4.9	8.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.0	.0	.0	5.0	28.2	.0	.0	28.2	33.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	9.8	.0	.0	9.8	9.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	24.9	.0	.0	24.9	24.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	10.4	.0	.0	10.4	10.4
GRAND TOTAL	5.0	.0	3.2	8.2	108.7	.0	.0	108.7	116.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY NEW YORK

	AR	ESCS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	2.7	1.0	.0	3.7	31.0	2.2	.0	33.2	36.9
RPG 2.00: FOREST RESOURCES	.3	.0	1.0	1.3	4.2	.0	2.8	7.0	8.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.8	.0	.0	8.8	42.6	56.7	.0	101.3	110.1
RPG 4.00: ANIMALS	36.9	.0	.0	36.9	47.3	.5	.0	47.8	84.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.6	.3	.0	1.9	44.7	4.8	.0	49.5	51.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.9	.0	.0	.9	16.5	.2	.0	16.7	17.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.7	.0	.0	5.7	41.9	5.5	.0	47.5	53.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	56.8	1.3	1.0	59.1	228.4	69.9	2.8	303.1	362.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY PENNSYLVANIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	22.9	7.4	.0	30.3	10.7	.0	.0	10.7	41.0
RPG 2.00: FOREST RESOURCES	.0	.0	21.3	21.3	9.9	.0	.0	9.9	31.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	30.5	.0	.0	30.5	46.0	.0	.0	46.0	76.5
RPG 4.00: ANIMALS	51.3	.0	.0	51.3	25.2	.1	.0	25.3	76.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	44.3	1.0	.0	45.3	15.7	.0	.0	15.7	61.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.2	.0	1.2	17.3	.0	.0	17.3	18.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.4	.0	.0	1.4	10.6	.0	.0	10.6	12.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	150.4	9.6	21.3	181.3	136.0	.1	.0	136.1	317.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY RHODE ISLAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	8.2	.0	.0	8.2	8.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	28.6	.0	.0	28.6	28.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY VERMONT

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RPG 2.00: FOREST RESOURCES	.0	.0	7.4	7.4	2.1	.0	5.4	7.5	14.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RPG 4.00: ANIMALS	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
GRAND TOTAL	.0	.0	7.4	7.4	27.2	.0	5.4	32.6	40.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM GROUP SUMMARY WEST VIRGINIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	8.0	1.0	.0	9.0	5.8	.0	.0	5.8	14.8
RPG 2.00: FOREST RESOURCES	.0	.0	27.8	27.8	7.0	.0	.0	7.0	34.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.6	10.3	.0	.0	10.3	10.9
RPG 4.00: ANIMALS	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	8.6	1.0	27.8	37.4	37.2	.0	.0	37.2	74.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ALABAMA

	AR	ESCS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA NORMAL	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	8.6	.0	.0	8.6	16.3	.3	.3	16.9	25.5
RPG 2.00: FOREST RESOURCES	.0	.0	6.0	6.0	13.3	.0	.9	14.2	20.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	2.3	52.1	9.1	4.4	65.6	67.9
RPG 4.00: ANIMALS	3.0	.0	.0	3.0	41.7	3.1	1.1	45.9	48.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	7.4	4.5	1.6	13.5	13.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.2	.0	.0	1.2	5.0	.0	.0	5.0	6.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.9	.0	.0	2.9	5.5	.7	.3	6.5	9.4
GRAND TOTAL	18.0	.0	6.0	24.0	141.3	17.7	8.6	167.6	191.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY ARKANSAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	1.7	.0	1.7	9.7	2.1	.0	11.8	13.5
RPG 2.00: FOREST RESOURCES	.0	.0	6.6	6.6	10.0	.0	.0	10.0	16.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	.0	.0	2.0	45.9	5.8	.0	51.8	53.8
RPG 4.00: ANIMALS	.0	.0	.0	.0	22.1	1.9	.0	24.0	24.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	7.8	3.4	.0	11.2	11.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.4	.0	.4	7.4	.0	.0	7.4	7.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	2.0	2.1	6.6	10.7	106.2	13.2	.0	119.4	130.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY FLORIDA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	3.9	.0	.0	3.9	46.2	9.6	.0	55.8	59.6
RPG 2.00: FOREST RESOURCES	.0	.0	11.6	11.6	19.6	.0	.0	19.6	31.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	58.0	.0	.0	58.0	206.1	2.0	.0	208.1	266.2
RPG 4.00: ANIMALS	3.4	.0	.0	3.4	48.6	2.0	.0	50.6	53.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	20.7	.0	.0	20.7	16.7	8.4	.0	25.1	45.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.4	2.0	.0	8.4	17.6	.0	.0	17.6	26.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	19.4	.0	.0	19.4	22.9	.0	.0	22.9	42.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
GRAND TOTAL	111.8	2.0	11.6	125.4	387.0	22.0	.0	409.0	534.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY GEORGIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	15.7	3.0	.0	18.7	11.9	.8	.0	12.7	31.4
RPG 2.00: FOREST RESOURCES	.0	.0	50.1	50.1	18.4	.0	.0	18.4	68.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	91.6	1.0	.0	92.6	75.9	3.9	.0	79.9	172.4
RPG 4.00: ANIMALS	26.1	.0	.0	26.1	34.2	2.4	.0	36.6	62.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	20.5	1.0	.0	21.5	12.7	1.6	.0	14.3	35.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.9	2.1	.0	8.0	11.0	3.2	.0	14.2	22.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	16.0	.0	.0	16.0	6.8	.2	.0	7.0	23.0
GRAND TOTAL	175.7	7.1	50.1	232.9	171.0	12.0	.0	183.0	415.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY KENTUCKY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RPG 2.00: FOREST RESOURCES	.0	.0	11.2	11.2	9.1	.0	.0	9.1	20.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.7	.0	.0	10.7	46.5	.0	.0	46.5	57.1
RPG 4.00: ANIMALS	.0	.0	.0	.0	28.6	.0	.0	28.6	28.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	15.3	17.0	.0	32.4	32.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	7.9	.0	.0	7.9	7.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.2	5.1	.6	.0	5.7	5.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	10.8	.0	11.2	22.0	117.2	17.6	.0	134.8	156.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY LOUISIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.0	.0	.0	7.0	13.5	.0	.0	13.5	20.5
RPG 2.00: FOREST RESOURCES	.0	.0	36.3	36.3	9.3	.0	3.1	12.4	48.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	146.0	.0	.0	146.0	99.0	2.8	.0	101.8	247.9
RPG 4.00: ANIMALS	2.2	.0	.0	2.2	45.3	2.1	.0	47.4	49.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	9.0	.0	.0	9.0	16.7	1.6	.0	18.3	27.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.7	1.0	.0	5.7	8.9	1.4	.3	10.6	16.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.3	.0	.0	3.3	6.4	.0	.0	6.4	9.7
GRAND TOTAL	172.1	1.0	36.3	209.4	199.1	7.9	3.4	210.4	419.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY MISSISSIPPI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	24.7	3.5	.0	28.2	11.6	.7	.0	12.3	40.6
RPG 2.00: FOREST RESOURCES	.0	.0	39.0	39.0	27.6	.0	.0	27.6	66.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	72.6	1.3	.0	73.9	69.6	.5	.0	70.1	144.0
RPG 4.00: ANIMALS	4.9	.0	.0	4.9	33.4	1.1	.0	34.4	39.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.1	1.0	.0	4.1	7.7	3.2	.0	10.9	15.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.4	2.1	.0	3.5	5.9	.0	.0	5.9	9.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.9	.0	.0	5.9	4.8	.4	.0	5.2	11.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
GRAND TOTAL	112.6	7.9	39.0	159.5	162.1	5.9	.0	168.0	327.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY NORTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	5.1	1.0	.0	6.1	19.1	11.2	.0	30.3	36.4
RPG 2.00: FOREST RESOURCES	.0	.0	35.9	35.9	18.8	.0	.0	18.8	54.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	30.1	.0	.0	30.1	102.2	.8	.0	103.0	133.1
RPG 4.00: ANIMALS	.7	.0	.0	.7	45.1	12.8	.0	57.9	58.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.9	1.0	.0	2.9	16.5	8.9	.0	25.3	28.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	1.2	.0	2.2	6.7	3.4	.0	10.1	12.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.3	.0	.0	3.3	29.4	1.0	.0	30.4	33.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
GRAND TOTAL	42.0	3.2	35.9	81.1	239.1	38.0	.0	277.1	358.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY OKLAHOMA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	13.9	1.0	.0	14.9	4.7	4.0	.0	8.7	23.6
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.0	.0	.0	14.0	28.4	4.7	.0	33.1	47.1
RPG 4.00: ANIMALS	6.0	.0	.0	6.0	13.7	.0	.0	13.7	19.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.8	.0	.8	3.8	4.0	.0	7.8	8.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	3.8	.0	3.8	9.5	.0	.0	9.5	13.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	7.0	.1	.0	7.1	7.1
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	14.2	.0	.0	14.2	14.2
GRAND TOTAL	33.9	5.6	.0	39.5	86.0	12.8	.0	98.8	138.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY SOUTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.0	.0	.0	4.0	5.4	2.2	.1	7.7	11.7
RPG 2.00: FOREST RESOURCES	.0	.0	15.0	15.0	.4	.0	10.5	10.8	25.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.2	.0	.0	26.2	56.2	1.9	.0	58.1	84.3
RPG 4.00: ANIMALS	.0	.0	.0	.0	19.9	.0	.0	19.9	19.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.6	.0	.0	3.6	8.3	4.9	.0	13.2	16.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.4	5.9	.3	.0	6.2	6.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
GRAND TOTAL	34.2	.0	15.0	49.2	98.8	9.3	10.6	118.7	167.9

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY TENNESSEE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.6	.0	.0	.6	6.7	.0	.0	6.7	7.3
RPG 2.00: FOREST RESOURCES	.0	.0	3.4	3.4	8.4	.0	.0	8.4	11.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.9	.0	.0	6.9	44.0	2.9	.0	46.9	53.9
RPG 4.00: ANIMALS	2.1	.0	.0	2.1	40.5	.4	.0	40.9	42.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.2	.0	.0	2.2	11.3	5.2	.0	16.5	18.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.6	1.3	.0	6.9	6.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	2.1	.3	.0	2.4	2.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	11.8	.0	3.4	15.2	118.7	10.1	.0	128.8	144.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GPOUP SUMMARY TEXAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	28.8	.0	.0	28.8	32.6	1.2	.0	33.8	62.6
RPG 2.00: FOREST RESOURCES	.0	.0	6.0	6.0	6.5	.0	4.0	10.5	16.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	70.7	.0	.0	70.7	116.0	1.2	.0	117.2	187.8
RPG 4.00: ANIMALS	40.3	.0	.0	40.3	44.4	2.5	.0	46.8	87.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.7	.0	.0	1.7	12.0	1.5	.0	13.6	15.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.1	5.9	.0	11.0	11.4	.7	.0	12.1	23.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	20.4	.0	.0	20.4	9.0	.0	.0	9.0	29.4
RPG 9.00: UNCLASSIFIED	.9	.0	.0	.9	16.8	.0	.3	17.1	18.0
GRAND TOTAL	167.9	5.9	6.0	179.8	248.7	7.0	4.3	260.0	439.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGINIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.6	.0	.0	.6	13.3	1.0	.0	14.2	14.8
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	19.2	.0	.0	19.2	19.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.8	.0	.0	6.8	43.3	7.7	.0	51.0	57.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	39.9	2.5	.0	42.4	42.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.3	.0	.0	.3	18.1	8.3	.0	26.3	26.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.7	.1	.0	6.8	6.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	22.2	.0	.0	22.2	22.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
GRAND TOTAL	7.7	.0	.0	7.7	165.1	19.5	.0	184.6	192.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY PUERTO RICO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.1	.0	.0	4.1	6.7	.0	.0	6.7	10.8
RPG 2.00: FOREST RESOURCES	.0	.0	4.5	4.5	.0	.0	.0	.0	4.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.2	.0	.0	4.2	70.8	.0	.0	70.8	75.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	8.2	.0	.0	8.2	8.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
GRAND TOTAL	8.3	.0	4.5	12.8	101.8	.0	.0	101.8	114.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM GROUP SUMMARY VIRGIN IS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY ALASKA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.8	.0	2.1	2.9	2.7	.0	.0	2.7	5.5
RPG 2.00: FOREST RESOURCES	.0	.0	16.6	16.6	.8	.0	.0	.8	17.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.5	.0	.0	3.5	3.5	.0	.0	3.5	7.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
GRAND TOTAL	4.2	.0	18.7	22.9	10.4	.0	.0	10.4	33.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY ILLINOIS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	18.4	.0	.0	18.4	18.7	.0	.0	18.7	37.1
RPG 2.00: FOREST RESOURCES	.0	.0	12.7	12.7	4.2	.0	3.4	7.6	20.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	102.3	.1	.0	102.4	50.3	.0	.0	50.3	152.7
RPG 4.00: ANIMALS	1.2	.0	.0	1.2	31.8	.0	.0	31.8	33.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	30.5	.0	.0	30.5	19.0	.0	.0	19.0	49.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	11.0	5.4	.0	16.4	16.5	.0	.0	16.5	32.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	24.5	.0	.0	24.5	9.9	.0	.0	9.9	34.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
GRAND TOTAL	187.8	5.5	12.7	206.0	151.8	.0	3.4	155.2	361.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY INDIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.1	.0	.0	4.1	21.1	.0	.0	21.1	25.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.4	.0	.0	14.4	50.1	.0	.0	50.1	64.5
RPG 4.00: ANIMALS	2.0	.0	.0	2.0	35.5	.0	.0	35.5	37.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	15.3	.0	.0	15.3	15.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.2	.0	2.2	15.4	.0	.0	15.4	17.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.6	.0	.0	2.6	38.8	.0	.0	38.8	41.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	23.1	2.2	.0	25.3	188.2	.0	.0	188.2	213.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY IOWA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	1.2	3.5	.0	4.7	20.2	.0	.0	20.2	24.8
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	16.4	.0	.0	16.4	37.8	.0	.0	37.8	54.2
RPG 4.00: ANIMALS	56.6	.0	.0	56.6	27.2	.0	.0	27.2	83.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	13.2	.0	.0	13.2	13.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	.0	.0	1.0	6.3	.0	.0	6.3	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.6	.0	.0	3.6	8.3	.0	.0	8.3	11.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
GRAND TOTAL	78.7	3.5	.0	82.2	118.0	.0	.0	118.0	200.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY KANSAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.9	.0	.0	4.9	17.3	.0	.0	17.3	22.2
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	22.5	.6	.0	23.1	68.1	.0	.0	68.1	91.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	38.2	.0	.0	38.2	38.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.0	.0	.0	1.0	16.1	.0	.0	16.1	17.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	5.1	1.6	.0	6.7	13.5	.0	.0	13.5	20.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	20.3	.0	.0	20.3	20.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	33.5	2.2	.0	35.7	177.3	.0	.0	177.3	213.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MICHIGAN

	AR	ESCS	FS	USDA TOTAL	SAES	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.2	5.8	1.5	7.5	21.5	.1	.0	21.6	29.0
RPG 2.00: FOREST RESOURCES	.0	.0	15.6	15.6	9.2	4.6	13.8	27.6	43.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.8	.0	.0	13.8	42.3	.5	.0	42.8	56.6
RPG 4.00: ANIMALS	10.0	.0	.0	10.0	30.1	.0	.0	30.1	40.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	21.7	.0	.0	21.7	21.7
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.8	.0	.8	11.5	.0	.0	11.5	12.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	27.4	.0	.0	27.4	27.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	24.0	6.5	17.1	47.6	163.6	5.2	13.8	182.6	230.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MINNESOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	17.7	.0	.0	17.7	15.1	.0	.0	15.1	32.8
RPG 2.00: FOREST RESOURCES	.0	.0	39.2	39.2	17.7	.0	.0	17.7	56.9
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	15.1	.0	.0	15.1	50.3	.0	.0	50.3	65.4
RPG 4.00: ANIMALS	.0	.0	.0	.0	32.5	.0	.0	32.5	32.5
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.6	.0	.6	24.0	.0	.0	24.0	24.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	2.3	1.1	.0	3.4	5.2	.0	.0	5.2	8.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.0	.0	.0	1.0	12.0	.0	.0	12.0	13.0
GRAND TOTAL	36.1	1.7	39.2	77.0	156.8	.0	.0	156.8	233.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY MISSOURI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	7.8	.0	.0	7.8	12.7	.0	.0	12.7	20.5
RPG 2.00: FOREST RESOURCES	.0	.0	4.0	4.0	7.4	.0	.0	7.4	11.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.1	.0	2.0	16.1	34.2	1.5	.0	35.7	51.8
RPG 4.00: ANIMALS	.9	.0	.0	.9	25.9	2.1	.0	28.0	28.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	1.0	11.6	5.7	.0	17.3	18.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.8	1.1	.0	2.9	8.7	.0	.0	8.7	11.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	8.0	.0	.0	8.0	6.3	.9	.0	7.2	15.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	32.6	2.1	6.0	40.7	106.8	10.2	.0	117.0	157.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NEBRASKA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.2	3.2	.0	9.4	16.3	.0	.0	16.3	25.7
RPG 2.00: FOREST RESOURCES	.0	.0	4.0	4.0	2.0	.0	.0	2.0	6.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.5	.0	.0	14.5	48.1	.0	.0	48.1	62.6
RPG 4.00: ANIMALS	33.2	1.2	.0	34.4	34.3	.0	.0	34.3	68.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.5	.0	.0	.5	14.4	.0	.0	14.4	14.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.8	2.3	.0	3.1	8.6	.0	.0	8.6	11.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.8	.0	.0	3.8	10.9	.0	.0	10.9	14.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	8.1	.0	.0	8.1	8.1
GRAND TOTAL	59.1	6.7	4.0	69.8	142.6	.0	.0	142.6	212.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH DAKOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	12.7	1.0	.0	13.7	20.2	.0	.0	20.2	33.9
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	1.0	.0	.0	1.0	4.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	20.9	.0	.0	20.9	49.2	.0	.0	49.2	70.1
RPG 4.00: ANIMALS	2.0	.0	.0	2.0	16.4	.0	.0	16.4	18.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	13.3	.1	.0	13.4	4.5	.0	.0	4.5	17.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	18.2	.0	.0	18.2	16.2	.0	.0	16.2	34.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
GRAND TOTAL	67.1	1.1	3.0	71.2	114.3	.0	.0	114.3	185.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY OHIO

	AR	ESCS	FS	USDA TOTAL	SAES	OHIO ALLIANCE	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.2	.0	.0	6.2	12.9	.0	.0	12.9	19.1
RPG 2.00: FOREST RESOURCES	.0	.0	25.6	25.6	8.0	.0	.0	8.0	33.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	16.8	.0	.0	16.8	48.3	.0	.0	48.3	65.1
RPG 4.00: ANIMALS	.0	.0	.0	.0	32.8	.0	.0	32.8	32.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.1	12.4	.0	.0	12.4	12.5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.0	.0	.0	2.0	3.8	.0	.0	3.8	5.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	25.1	.0	25.6	50.7	123.7	.0	.0	123.7	174.4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY SOUTH DAKOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	10.2	.0	.0	10.2	10.2
RPG 2.00: FOREST RESOURCES	.0	.0	6.0	6.0	2.8	.0	.0	2.8	8.8
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.0	.0	.0	11.0	24.8	.0	.0	24.8	35.8
RPG 4.00: ANIMALS	.0	.0	.0	.0	32.2	.0	.0	32.2	32.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	8.6	.0	.0	8.6	8.6
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.2	4.8	.0	.0	4.8	5.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	15.2	.0	.0	15.2	15.2
GRAND TOTAL	11.2	.0	6.0	17.2	105.5	.0	.0	105.5	122.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM GROUP SUMMARY WISCONSIN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	2.7	.0	2.7	17.7	.0	.0	17.7	20.4
RPG 2.00: FOREST RESOURCES	.0	.0	116.1	116.1	11.1	.0	.0	11.1	127.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	13.9	.0	.0	13.9	35.8	.0	.0	35.8	49.7
RPG 4.00: ANIMALS	.6	.0	.0	.6	22.5	.0	.0	22.5	23.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.1	23.7	.0	.0	23.7	23.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.3	.0	2.3	7.3	.0	.0	7.3	9.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	6.7	.0	.0	6.7	23.6	.0	.0	23.6	30.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
GRAND TOTAL	21.4	5.0	116.1	142.5	149.0	.0	.0	149.0	291.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY ARIZONA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	26.2	4.5	3.6	34.2	20.2	.0	.0	20.2	54.4
RPG 2.00: FOREST RESOURCES	.0	.0	25.3	25.3	7.3	.0	3.7	11.0	36.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	35.1	.0	.0	35.1	45.4	.0	.0	45.4	80.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	19.4	.0	.0	19.4	19.4
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	14.0	.0	.0	14.0	14.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.6	.0	.0	1.6	7.7	.0	.0	7.7	9.3
GRAND TOTAL	62.9	4.5	28.9	96.3	120.3	.0	3.7	124.0	220.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY CALIFORNIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	32.7	.7	.0	33.4	74.7	.0	.0	74.7	108.1
RPG 2.00: FOREST RESOURCES	.0	.0	77.7	77.7	35.3	.0	1.1	36.4	114.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	112.8	.0	.0	112.8	182.5	.0	.0	182.5	295.3
RPG 4.00: ANIMALS	29.4	.0	.0	29.4	48.4	.0	.0	48.4	77.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	24.6	.0	.0	24.6	73.5	.0	.0	73.5	98.1
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.3	3.6	.0	11.9	13.3	.0	.0	13.3	25.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	26.9	.0	.0	26.9	120.4	.0	.0	120.4	147.3
RPG 9.00: UNCLASSIFIED	4.7	.0	.0	4.7	1.0	.0	.0	1.0	5.7
GRAND TOTAL	239.5	4.3	77.7	321.5	549.1	.0	1.1	550.2	871.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY COLORADO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	22.7	3.3	.0	26.0	34.7	.0	.0	34.7	60.7
RPG 2.00: FOREST RESOURCES	.0	.0	43.6	43.6	4.1	.0	2.5	6.6	50.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.8	.0	.0	11.8	41.0	.0	.0	41.0	52.8
RPG 4.00: ANIMALS	8.7	.0	.0	8.7	14.9	.0	.0	14.9	23.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	12.8	.0	.0	12.8	12.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.7	.0	2.7	3.9	.0	.0	3.9	6.6
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.4	.0	.0	5.4	16.1	.0	.0	16.1	21.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
GRAND TOTAL	48.7	6.0	43.6	98.3	130.4	.0	2.5	132.9	231.2

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY HAWAII

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RPG 2.00: FOREST RESOURCES	.0	.0	10.5	10.5	2.8	.0	.0	2.8	13.3
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.5	.0	.0	14.5	53.2	.0	.0	53.2	67.7
RPG 4.00: ANIMALS	.0	.0	.0	.0	8.9	.0	.0	8.9	8.9
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	12.3	.0	.0	12.3	12.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.8	.0	.0	.8	.8
GRAND TOTAL	14.5	.0	10.5	25.0	95.5	.0	.0	95.5	120.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY IDAHO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	21.0	.0	.0	21.0	13.6	.0	.0	13.6	34.6
RPG 2.00: FOREST RESOURCES	.0	.0	18.9	18.9	.4	.0	33.3	33.6	52.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.1	.0	.5	6.6	36.3	.0	.0	36.3	42.9
RPG 4.00: ANIMALS	5.2	.0	.0	5.2	12.9	.0	.0	12.9	18.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.4	.0	.1	3.5	3.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	10.0	10.0	10.0
GRAND TOTAL	32.3	.0	19.4	51.7	79.8	.0	43.4	123.1	174.8

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY MONTANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	6.0	.0	.0	6.0	16.4	.0	.4	16.8	22.8
RPG 2.00: FOREST RESOURCES	.0	.0	48.5	48.5	.0	.0	4.9	4.9	53.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.6	.0	.0	10.6	32.9	.0	.0	32.9	43.5
RPG 4.00: ANIMALS	7.4	.0	.0	7.4	23.5	.0	.0	23.5	31.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	3.7	.0	5.0	8.7	8.7
GRAND TOTAL	24.0	.0	48.5	72.5	88.8	.0	10.3	99.1	171.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEVADA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RPG 2.00: FOREST RESOURCES	.0	.0	2.0	2.0	3.2	.0	.0	3.2	5.2
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.2	.0	.0	5.2	10.4	.0	.0	10.4	15.6
RPG 4.00: ANIMALS	.0	.0	.0	.0	9.1	.0	.0	9.1	9.1
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	5.2	.0	2.0	7.2	35.5	.0	.0	35.5	42.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY NEW MEXICO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.6	.0	.0	.6	6.8	.0	.0	6.8	7.4
RPG 2.00: FOREST RESOURCES	.0	.0	3.0	3.0	3.4	.1	.0	3.5	6.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.2	.0	.0	9.2	29.3	.0	.0	29.3	38.5
RPG 4.00: ANIMALS	.9	.0	.0	.9	11.3	.0	.0	11.3	12.2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
GRAND TOTAL	10.7	.0	3.0	13.7	65.9	.1	.0	66.0	79.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY OREGON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	4.7	4.5	.0	9.2	20.8	.0	.8	21.6	30.8
RPG 2.00: FOREST RESOURCES	.0	.0	79.3	79.3	4.8	.0	48.9	53.7	133.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	21.7	.0	.0	21.7	58.4	.0	.0	58.4	80.2
RPG 4.00: ANIMALS	.0	1.2	.0	1.2	27.4	.0	.0	27.4	28.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	14.8	.0	.0	14.8	14.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.8	15.1	.0	.0	15.1	15.9
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	27.3	5.7	79.3	112.3	146.7	.0	49.7	196.4	308.7

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY UTAH

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	8.9	.0	.0	8.9	8.9
RPG 2.00: FOREST RESOURCES	.0	.0	25.6	25.6	4.8	.0	.0	4.8	30.4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.7	.0	.0	11.7	14.3	.0	.0	14.3	26.0
RPG 4.00: ANIMALS	6.6	.0	.0	6.6	22.7	.0	.0	22.7	29.3
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.3	.0	.0	.3	8.5	.0	.0	8.5	8.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.9	.0	.0	.9	7.7	.0	.0	7.7	8.6
RPG 9.00: UNCLASSIFIED	3.0	.0	.0	3.0	.4	.0	.0	.4	3.4
GRAND TOTAL	22.6	.0	25.6	48.2	70.1	.0	.0	70.1	118.3

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WASHINGTON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	8.6	.0	.0	8.6	15.2	.0	.0	15.2	23.8
RPG 2.00: FOREST RESOURCES	.0	.0	16.7	16.7	9.7	.0	54.7	64.4	81.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	55.8	.0	.0	55.8	63.0	.0	.0	63.0	118.8
RPG 4.00: ANIMALS	2.4	.0	.0	2.4	16.4	.0	.0	16.4	18.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.5	.0	.0	2.5	12.0	.0	.0	12.0	14.4
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.6	.0	.0	.6	6.7	.0	.0	6.7	7.3
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.3	.0	.0	4.3	8.1	.0	.0	8.1	12.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	1.7	.0	6.2	7.9	7.9
GRAND TOTAL	74.1	.0	16.7	90.8	132.8	.0	60.9	193.7	284.5

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WYOMING

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	1.9	.0	.0	1.9	4.6	.0	.0	4.6	6.5
RPG 2.00: FOREST RESOURCES	.0	.0	5.5	5.5	4.1	.0	.0	4.1	9.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.9	.0	.0	4.9	9.8	.0	.0	9.8	14.7
RPG 4.00: ANIMALS	.1	.0	.0	.1	13.6	.0	.0	13.6	13.7
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.4	3.4	.0	.0	3.4	3.8
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	7.2	.0	5.5	12.7	39.4	.0	.0	39.4	52.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM GROUP SUMMARY GUAM

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RPG 4.00: ANIMALS	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	.0	.0	.0	.0	11.5	.0	.0	11.5	11.5

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

RESEARCH PROGRAM SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	103.7	18.9	.0	122.6	277.1	3.7	.0	280.8	403.4
RP 1.02: WATER & WATERSHEDS	161.0	19.5	5.1	185.5	129.2	1.1	.1	130.3	315.9
RP 1.03: RECREATION	.0	.0	.0	.0	26.1	1.9	.0	28.0	28.0
RP 1.04: ENVIRONMENTAL QUALITY	117.1	38.9	2.1	158.1	227.3	24.8	.0	252.1	410.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	5.7	4.3	.0	10.0	32.3	.2	.9	33.4	43.3
RP 1.06: FISH & WILDLIFE	1.1	.0	.0	1.1	63.1	4.8	.4	68.3	69.4
RP 1.07: REMOTE SENSING	7.0	.0	.0	7.0	5.2	.2	.0	5.4	12.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	58.2	58.2	20.7	.1	6.6	27.4	85.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	230.9	230.9	112.4	.8	55.0	168.2	399.1
RP 2.03: FOREST PROTECTION	6.3	.0	218.0	224.3	76.5	.1	18.3	94.9	319.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	185.2	185.2	100.0	.0	45.2	145.2	330.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	114.4	114.4	37.0	.0	29.8	66.9	181.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	73.8	73.8	24.2	.0	21.3	45.5	119.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	26.4	26.4	21.5	.0	15.2	36.7	63.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	27.4	27.4	16.6	.0	4.9	21.4	48.9
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.3	.0	.3	.6	.6
RP 3.01: CORN	88.2	.4	.0	88.6	174.2	.4	.0	174.6	263.2
RP 3.02: GRAIN SORGHUM	18.4	.2	.0	18.6	48.8	.1	.0	49.0	67.6
RP 3.03: WHEAT	84.8	.4	.0	85.2	133.0	.4	.0	133.4	218.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	30.1	.3	.0	30.3	74.9	3.6	.0	78.5	108.8
RP 3.05: RICE	18.0	.2	.0	18.3	33.9	.0	.0	33.9	52.2
RP 3.06: SOYBEANS	100.2	.8	.0	101.0	200.1	16.7	.2	217.0	318.0
RP 3.07: PEANUTS	28.6	.0	.0	28.6	36.6	2.5	.0	39.1	67.7
RP 3.08: SUGAR	52.8	.0	.0	52.8	48.4	.0	.0	48.4	101.2
RP 3.09: FORAGE, RANGE, & PASTURE	148.6	.1	2.5	151.2	342.9	2.5	.0	345.4	496.6
RP 3.10: COTTON	237.9	2.4	.0	240.3	123.6	3.5	.0	127.1	367.4
RP 3.11: TOBACCO	33.7	.0	.0	33.7	60.0	.8	.0	60.8	94.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	49.8	.0	.0	49.8	45.4	.0	.0	45.4	95.2
RP 3.13: FRUIT	190.6	.0	.0	190.6	442.5	3.4	.0	445.9	636.5
RP 3.14: VEGETABLE CROPS	140.5	.0	.0	140.5	471.8	18.7	.0	490.5	631.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	43.6	.1	.0	43.7	220.6	.8	.3	221.7	265.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	27.3	.0	.0	27.3	17.1	.0	.0	17.1	44.4
RP 4.01: BEEF	151.2	2.4	.0	153.6	368.0	8.3	.0	376.3	530.0
RP 4.02: DAIRY	93.2	.0	.0	93.2	274.5	3.7	.0	278.2	371.5
RP 4.03: POULTRY	76.2	.0	.0	76.2	225.9	6.0	.0	231.9	308.1
RP 4.04: SHEEP	57.4	.0	.0	57.4	71.0	6.5	.0	77.5	134.9

TABLE V-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

RESEARCH PROGRAM SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.05: SWINE	54.2	.0	.0	54.2	145.6	5.6	.0	151.3	205.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	15.3	.0	.0	15.3	69.4	1.4	.0	70.8	86.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.5	.0	.0	.5	60.0	3.2	.0	63.2	63.7
RP 5.01: FOOD & NUTRITION	111.8	10.7	.0	122.5	188.4	38.8	.0	227.2	349.7
RP 5.02: FOOD SAFETY	125.2	.0	.0	125.2	115.3	4.5	.0	119.8	245.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	12.7	47.1	.0	59.8	302.1	43.5	.0	345.5	405.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	29.6	.0	.0	29.6	42.0	.0	.0	42.0	71.6
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	13.6	.0	.0	13.6	13.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	6.0	69.4	.0	75.4	137.3	6.6	.3	144.1	219.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	33.5	71.4	.0	104.9	39.7	.0	.0	39.7	144.6
RP 6.03: MARKETING & COMPETITION	35.9	188.7	.0	224.5	173.6	3.7	.0	177.4	401.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	344.4	.0	.0	344.4	592.3	4.5	.1	596.9	941.4
RP 9.01: UNCLASSIFIED	8.6	.0	.0	8.6	102.5	.0	21.5	124.0	132.6
GRAND TOTAL	2850.9	476.1	944.0	4271.0	6564.3	227.4	220.5	7012.2	11283.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.03: FOREST PROTECTION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 3.02: GRAIN SORGHUM	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 3.13: FRUIT	6.8	.0	.0	6.8	.0	.0	.0	.0	6.8
RP 3.14: VEGETABLE CROPS	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 4.01: BEEF	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 4.02: DAIRY	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.8	.0	.0	.8	.0	.0	.0	.0	.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	5.7	.0	.0	5.7	.0	.0	.0	.0	5.7
RP 6.03: MARKETING & COMPETITION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	17.1	.0	.0	17.1	.0	.0	.0	.0	17.1
GRAND TOTAL	35.6	.0	.0	35.6	.0	.0	.0	.0	35.6

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 1

RESEARCH PROGRAM SUMMARY

NORTHEAST REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	10.2	11.6	.0	21.8	35.3	.2	.0	35.5	57.3
RP 1.02: WATER & WATERSHEDS	20.5	9.0	.0	29.5	5.6	.0	.0	5.6	35.0
RP 1.03: RECREATION	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 1.04: ENVIRONMENTAL QUALITY	39.5	19.6	.0	59.0	57.5	.4	.0	58.0	117.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.2	2.2	.0	3.4	3.6	.0	.0	3.6	6.9
RP 1.06: FISH & WILDLIFE	.7	.0	.0	.7	11.1	2.8	.0	13.9	14.7
RP 1.07: REMOTE SENSING	1.8	.0	.0	1.8	1.2	.0	.0	1.2	3.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	10.2	10.2	4.0	.0	1.2	5.2	15.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	32.9	32.9	20.1	.0	2.1	22.2	55.1
RP 2.03: FOREST PROTECTION	5.3	.0	21.1	26.4	19.3	.0	1.4	20.7	47.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	21.6	21.6	13.4	.0	.4	13.8	35.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	9.6	9.6	6.4	.0	.6	7.0	16.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.7	4.7	4.1	.0	.4	4.4	9.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	5.3	5.3	6.3	.0	1.6	7.9	13.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	3.9	3.9	6.1	.0	.6	6.7	10.6
RP 3.01: CORN	4.4	.2	.0	4.6	19.7	.0	.0	19.7	24.4
RP 3.02: GRAIN SORGHUM	.2	.1	.0	.4	.1	.0	.0	.1	.5
RP 3.03: WHEAT	3.4	.2	.0	3.7	4.0	.0	.0	4.0	7.7
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.0	.2	.0	3.2	1.4	.0	.0	1.4	4.6
RP 3.05: RICE	.8	.1	.0	1.0	.3	.0	.0	.3	1.3
RP 3.06: SOYBEANS	16.4	.2	.0	16.6	9.5	3.2	.0	12.7	29.3
RP 3.07: PEANUTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.08: SUGAR	2.6	.0	.0	2.6	.0	.0	.0	.0	2.6
RP 3.09: FORAGE, RANGE, & PASTURE	19.0	.0	.0	19.0	28.5	.9	.0	29.4	48.5
RP 3.10: COTTON	.0	.7	.0	.7	.2	.0	.0	.2	.9
RP 3.11: TOBACCO	6.0	.0	.0	6.0	8.3	.0	.0	8.3	14.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.2	.0	.0	8.2	1.4	.0	.0	1.4	9.6
RP 3.13: FRUIT	26.5	.0	.0	26.5	85.5	.0	.0	85.5	112.0
RP 3.14: VEGETABLE CROPS	42.7	.0	.0	42.7	86.1	.0	.0	86.1	128.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	24.6	.1	.0	24.7	40.5	.0	.0	40.5	65.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	5.6	.0	.0	5.6	1.9	.0	.0	1.9	7.5
RP 4.01: BEEF	58.1	.0	.0	58.1	16.0	.1	.0	16.1	74.2
RP 4.02: DAIRY	63.2	.0	.0	63.2	51.0	.3	.0	51.3	114.5
RP 4.03: POULTRY	25.1	.0	.0	25.1	57.1	.0	.0	57.1	82.2
RP 4.04: SHEEP	12.2	.0	.0	12.2	4.7	.0	.0	4.7	16.9
RP 4.05: SWINE	24.7	.0	.0	24.7	4.7	.0	.0	4.7	29.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	7.6	.0	.0	7.6	13.6	.0	.0	13.6	21.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.3	.0	.0	.3	11.5	.5	.0	12.0	12.3
RP 5.01: FOOD & NUTRITION	87.0	10.7	.0	97.7	41.5	2.6	.0	44.0	141.7
RP 5.02: FOOD SAFETY	48.4	.0	.0	48.4	22.3	.4	.0	22.7	71.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	4.3	41.6	.0	45.9	66.9	4.1	.0	71.0	116.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.9	.0	.0	2.9	14.0	.0	.0	14.0	16.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.5	51.4	.0	52.9	17.1	.0	.0	17.1	70.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.3	71.4	.0	71.7	8.9	.0	.0	8.9	80.6
RP 6.03: MARKETING & COMPETITION	9.9	165.1	.0	174.9	30.8	.0	.0	30.8	205.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	145.1	.0	.0	145.1	86.4	.1	.0	86.4	231.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
GRAND TOTAL	733.6	384.3	109.3	1227.2	942.8	15.5	8.2	966.5	2193.7

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY SOUTHERN REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	27.1	2.3	.0	29.3	73.7	3.5	.0	77.2	106.5
RP 1.02: WATER & WATERSHEDS	56.2	1.2	.0	57.5	34.7	1.1	.0	35.8	93.2
RP 1.03: RECREATION	.0	.0	.0	.0	6.4	1.9	.0	8.3	8.3
RP 1.04: ENVIRONMENTAL QUALITY	28.6	6.5	.0	35.1	59.2	24.3	.0	83.5	118.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.5	.2	.0	.7	2.1	.2	.1	2.4	3.1
RP 1.06: FISH & WILDLIFE	.1	.0	.0	.1	24.9	2.0	.0	26.9	27.0
RP 1.07: REMOTE SENSING	4.6	.0	.0	4.6	1.0	.2	.0	1.1	5.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	15.5	15.5	5.5	.1	.6	6.2	21.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	84.8	84.8	49.5	.8	8.5	58.9	143.7
RP 2.03: FOREST PROTECTION	.0	.0	52.5	52.5	28.7	.0	2.9	31.6	84.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	30.5	30.5	49.4	.0	1.5	51.0	81.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	24.5	24.5	13.0	.0	1.5	14.5	39.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	14.3	14.3	10.9	.0	1.3	12.2	26.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	3.7	.0	.3	4.0	7.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.5	.5	4.2	.0	1.0	5.2	5.7
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.01: CORN	22.0	.0	.0	22.0	48.0	.4	.0	48.4	70.4
RP 3.02: GRAIN SORGHUM	8.3	.0	.0	8.3	23.5	.1	.0	23.6	31.8
RP 3.03: WHEAT	8.4	.0	.0	8.4	20.2	.4	.0	20.6	29.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	2.1	16.1	3.6	.0	19.7	21.7
RP 3.05: RICE	14.6	.0	.0	14.6	26.6	.0	.0	26.6	41.2
RP 3.06: SOYBEANS	26.2	.6	.0	26.8	115.9	13.0	.0	128.9	155.7
RP 3.07: PEANUTS	28.3	.0	.0	28.3	35.4	2.5	.0	37.9	66.2
RP 3.08: SUGAR	23.6	.0	.0	23.6	32.6	.0	.0	32.6	56.2
RP 3.09: FORAGE, RANGE, & PASTURE	43.7	.0	.0	43.7	144.2	1.6	.0	145.8	189.5
RP 3.10: COTTON	204.0	1.7	.0	205.7	90.0	3.5	.0	93.5	299.2
RP 3.11: TOBACCO	27.7	.0	.0	27.7	50.1	.8	.0	50.9	78.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.0	.0	.0	8.0	9.2	.0	.0	9.2	17.2
RP 3.13: FRUIT	77.1	.0	.0	77.1	173.5	3.4	.0	177.0	254.1
RP 3.14: VEGETABLE CROPS	34.7	.0	.0	34.7	181.9	17.7	.0	199.6	234.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.2	.0	.0	4.2	90.9	.8	.0	91.7	95.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	9.1	.0	.0	9.1	1.1	.0	.0	1.1	10.2
RP 4.01: BEEF	42.9	.0	.0	42.9	152.3	7.7	.0	160.0	202.9
RP 4.02: DAIRY	9.0	.0	.0	9.0	98.6	3.1	.0	101.6	110.7
RP 4.03: POULTRY	24.1	.0	.0	24.1	86.1	6.0	.0	92.1	116.2
RP 4.04: SHEEP	4.7	.0	.0	4.7	12.1	5.6	.0	17.7	22.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY SOUTHERN REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.05: SWINE	6.2	.0	.0	6.2	55.8	5.3	.0	61.0	67.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.4	.0	.0	1.4	29.8	1.4	.0	31.2	32.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.2	.0	.0	.2	30.3	2.7	.0	33.0	33.2
RP 5.01: FOOD & NUTRITION	3.3	.0	.0	3.3	41.0	31.6	.0	72.6	75.9
RP 5.02: FOOD SAFETY	26.6	.0	.0	26.6	29.9	4.1	.0	34.0	60.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	7.9	3.8	.0	11.7	77.3	38.4	.0	115.6	127.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	25.1	.0	.0	25.1	9.4	.0	.0	9.4	34.5
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.2	7.5	.0	8.7	41.9	6.6	.3	48.8	57.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	8.4	.0	.0	8.4	3.1	.0	.0	3.1	11.5
RP 6.03: MARKETING & COMPETITION	16.5	11.0	.0	27.5	70.4	3.7	.0	74.1	101.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	71.3	.0	.0	71.3	131.2	3.5	.0	134.8	206.1
RP 9.01: UNCLASSIFIED	.9	.0	.0	.9	47.3	.0	.3	47.6	48.5
GRAND TOTAL	908.8	34.8	225.6	1169.2	2347.9	201.6	18.3	2567.7	3736.9

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	30.8	3.7	.0	34.5	87.8	.0	.0	87.8	122.3
RP 1.02: WATER & WATERSHEDS	25.2	4.7	1.5	31.3	36.1	.0	.1	36.2	67.5
RP 1.03: RECREATION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 1.04: ENVIRONMENTAL QUALITY	23.0	6.2	2.1	31.2	44.0	.0	.0	44.0	75.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.2	1.7	.0	2.9	15.6	.0	.0	15.6	18.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	15.4	.0	.0	15.4	15.4
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	11.7	11.7	4.5	.0	1.7	6.1	17.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	44.7	44.7	28.1	.0	3.3	31.4	76.0
RP 2.03: FOREST PROTECTION	.0	.0	39.0	39.0	12.8	.0	1.3	14.1	53.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	111.9	111.9	16.1	.0	10.1	26.2	138.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	11.0	11.0	9.9	.0	2.8	12.6	23.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	7.8	7.8	3.0	.0	.1	3.1	10.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	8.1	8.1	6.0	.0	1.6	7.6	15.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	8.6	8.6	3.7	.0	.9	4.7	13.3
RP 3.01: CORN	61.8	.2	.0	61.9	95.5	.0	.0	95.5	157.4
RP 3.02: GRAIN SORGHUM	9.4	.1	.0	9.5	20.3	.0	.0	20.3	29.8
RP 3.03: WHEAT	45.4	.2	.0	45.5	61.9	.0	.0	61.9	107.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	19.0	.1	.0	19.1	33.0	.0	.0	33.0	52.0
RP 3.05: RICE	1.0	.1	.0	1.1	2.4	.0	.0	2.4	3.5
RP 3.06: SOYBEANS	57.4	.0	.0	57.4	70.5	.5	.2	71.2	128.6
RP 3.07: PEANUTS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.08: SUGAR	6.0	.0	.0	6.0	4.4	.0	.0	4.4	10.4
RP 3.09: FORAGE, RANGE, & PASTURE	22.0	.1	2.0	24.1	66.8	.0	.0	66.8	90.8
RP 3.10: COTTON	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 3.11: TOBACCO	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	23.2	.0	.0	23.2	16.4	.0	.0	16.4	39.6
RP 3.13: FRUIT	6.5	.0	.0	6.5	41.2	.0	.0	41.2	47.6
RP 3.14: VEGETABLE CROPS	14.3	.0	.0	14.3	79.4	1.0	.0	80.4	94.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	10.2	.0	.0	10.2	42.3	.0	.3	42.6	52.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.9	.0	.0	2.9	3.4	.0	.0	3.4	6.3
RP 4.01: BEEF	36.8	1.2	.0	38.0	98.6	.5	.0	99.1	137.1
RP 4.02: DAIRY	16.7	.0	.0	16.7	87.4	.4	.0	87.8	104.5
RP 4.03: POULTRY	20.1	.0	.0	20.1	52.9	.0	.0	52.9	73.0
RP 4.04: SHEEP	9.1	.0	.0	9.1	24.4	.8	.0	25.2	34.3
RP 4.05: SWINE	22.6	.0	.0	22.6	78.6	.4	.0	79.0	101.6

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.2	.0	.0	1.2	15.5	.0	.0	15.5	16.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 5.01: FOOD & NUTRITION	8.8	.0	.0	8.8	48.7	4.7	.0	53.4	62.2
RP 5.02: FOOD SAFETY	36.5	.0	.0	36.5	28.7	.0	.0	28.7	65.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.2	1.7	.0	1.9	96.3	1.0	.0	97.3	99.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	5.5	.0	.0	5.5	5.5
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.4	6.8	.0	10.1	54.5	.0	.0	54.5	64.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	11.0	.0	.0	11.0	18.3	.0	.0	18.3	29.3
RP 6.03: MARKETING & COMPETITION	7.7	10.0	.0	17.7	40.2	.0	.0	40.2	57.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	70.5	.0	.0	70.5	182.1	.9	.0	183.0	253.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	34.3	.0	.0	34.3	34.3
GRAND TOTAL	603.9	36.5	248.4	888.8	1708.0	10.2	22.4	1740.6	2629.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	AR	ESCS	FS	USDA, TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	35.6	1.4	.0	37.0	80.3	.0	.0	80.3	117.3
RP 1.02: WATER & WATERSHEDS	59.0	4.7	3.6	67.3	52.9	.0	.0	52.9	120.1
RP 1.03: RECREATION	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 1.04: ENVIRONMENTAL QUALITY	26.0	6.7	.0	32.7	66.6	.0	.0	66.6	99.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.9	.2	.0	3.1	11.0	.0	.8	11.8	14.9
RP 1.06: FISH & WILDLIFE	.3	.0	.0	.3	11.7	.0	.4	12.0	12.3
RP 1.07: REMOTE SENSING	.6	.0	.0	.6	1.6	.0	.0	1.6	2.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	20.8	20.8	6.7	.0	3.1	9.9	30.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	68.5	68.5	14.7	.0	41.1	55.8	124.3
RP 2.03: FOREST PROTECTION	.0	.0	105.4	105.4	15.7	.1	12.7	28.5	133.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	21.3	21.3	21.1	.0	33.2	54.3	75.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	69.3	69.3	7.8	.0	24.9	32.8	102.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	47.0	47.0	6.2	.0	19.5	25.7	72.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	10.0	10.0	5.5	.0	11.7	17.2	27.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	14.4	14.4	2.5	.0	2.5	4.9	19.3
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.1	.0	.3	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	10.9	.0	.0	10.9	11.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 3.03: WHEAT	27.6	.0	.0	27.6	46.8	.0	.0	46.8	74.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	6.0	.0	.0	6.0	24.4	.0	.0	24.4	30.4
RP 3.05: RICE	1.6	.0	.0	1.6	4.6	.0	.0	4.6	6.1
RP 3.06: SOYBEANS	.1	.0	.0	.1	4.3	.0	.0	4.3	4.4
RP 3.07: PEANUTS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.08: SUGAR	20.7	.0	.0	20.7	11.4	.0	.0	11.4	32.0
RP 3.09: FORAGE, RANGE, & PASTURE	63.5	.0	.5	64.0	103.4	.0	.0	103.4	167.4
RP 3.10: COTTON	33.9	.0	.0	33.9	29.6	.0	.0	29.6	63.5
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	9.4	.0	.0	9.4	18.3	.0	.0	18.3	27.7
RP 3.13: FRUIT	73.7	.0	.0	73.7	142.3	.0	.0	142.3	216.0
RP 3.14: VEGETABLE CROPS	48.5	.0	.0	48.5	124.4	.0	.0	124.4	172.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.7	.0	.0	4.7	46.8	.0	.0	46.8	51.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	9.7	.0	.0	9.7	10.7	.0	.0	10.7	20.4
RP 4.01: BEEF	12.9	1.2	.0	14.1	101.1	.0	.0	101.1	115.2
RP 4.02: DAIRY	3.9	.0	.0	3.9	37.5	.0	.0	37.5	41.3
RP 4.03: POULTRY	6.9	.0	.0	6.9	29.8	.0	.0	29.8	36.7
RP 4.04: SHEEP	31.5	.0	.0	31.5	29.9	.0	.0	29.9	61.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.05: SWINE	.6	.0	.0	.6	6.6	.0	.0	6.6	7.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	5.0	.0	.0	5.0	10.4	.0	.0	10.4	15.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	14.9	.0	.0	14.9	14.9
RP 5.01: FOOD & NUTRITION	12.7	.0	.0	12.7	57.3	.0	.0	57.3	70.0
RP 5.02: FOOD SAFETY	13.7	.0	.0	13.7	34.4	.0	.0	34.4	48.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.3	.0	.0	.3	61.6	.0	.0	61.6	61.9
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.8	.0	.0	.8	13.1	.0	.0	13.1	13.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	3.7	.0	3.7	23.7	.0	.0	23.7	27.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	8.2	.0	.0	8.2	9.4	.0	.0	9.4	17.6
RP 6.03: MARKETING & COMPETITION	.8	2.6	.0	3.4	32.2	.0	.0	32.3	35.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	40.4	.0	.0	40.4	192.6	.0	.1	192.7	233.0
RP 9.01: UNCLASSIFIED	7.7	.0	.0	7.7	12.9	.0	21.2	34.1	41.8
GRAND TOTAL	569.0	20.5	360.7	950.2	1565.7	.1	171.6	1737.4	2687.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

ARGENTINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

EL SALVADOR

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.8	.0	.0	.8	.0	.0	.0	.0	.8
GRAND TOTAL	.8	.0	.0	.8	.0	.0	.0	.0	.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

FRANCE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 2.03: FOREST PROTECTION	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.02: GRAIN SORGHUM	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.09: FORAGE, RANGE, & PASTURE	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 3.14: VEGETABLE CROPS	.4	.0	.0	.4	.0	.0	.0	.0	.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

ITALY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

JAPAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 2.03: FOREST PROTECTION	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

FOREIGN

RESEARCH PROGRAM SUMMARY

KENYA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.01: BEEF	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 4.02: DAIRY	.4	.0	.0	.4	.0	.0	.0	.0	.4
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM SUMMARY NETHERLANDS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.13: FRUIT	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.7	.0	.0	1.7	.0	.0	.0	.0	1.7
GRAND TOTAL	2.0	.0	.0	2.0	.0	.0	.0	.0	2.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM SUMMARY PAKISTAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
GRAND TOTAL	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM SUMMARY TAIWAN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 FOREIGN

RESEARCH PROGRAM SUMMARY THAILAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	6.5	.0	.0	6.5	.0	.0	.0	.0	6.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.0	.0	.0	4.0	.0	.0	.0	.0	4.0
RP 6.03: MARKETING & COMPETITION	1.0	.0	.0	1.0	.0	.0	.0	.0	1.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	14.3	.0	.0	14.3	.0	.0	.0	.0	14.3
GRAND TOTAL	25.8	.0	.0	25.8	.0	.0	.0	.0	25.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY CONNECTICUT

	AR	ESCS	FS	USDA TOTAL	CONN NEW HAVEN	CONN STORRS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.2	.5	.0	.7	.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	4.3	1.9	.0	6.2	6.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.0	.4	.0	1.4	1.4
RP 2.03: FOREST PROTECTION	.0	.0	14.3	14.3	7.6	.0	.0	7.6	21.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.5	.0	.5	.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.5	.4	.0	.9	.9
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.6	.3	.0	1.0	1.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.9	.0	1.0	1.0
RP 3.11: TOBACCO	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	3.3	.9	.0	4.2	4.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.0	1.2	.0	4.1	4.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.3	.0	.3	.3
RP 4.01: BEEF	.0	.0	.0	.0	.0	1.2	.0	1.2	1.2
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.8	.0	1.8	1.8
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.6	.0	4.6	4.6
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.5	.0	.5	.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.9	1.3	.0	2.2	2.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.6	1.6	.0	3.2	3.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.9	.0	.9	.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	3.2	.0	3.2	3.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.3	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.0	.0	2.0	2.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.6	.6	.0	4.2	4.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	5.4	.0	5.4	5.4
GRAND TOTAL	.0	.0	14.3	14.3	39.1	31.1	.0	70.2	84.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 • REGION 1

RESEARCH PROGRAM SUMMARY DELAWARE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.4	.2	.0	1.6	1.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.8	.0	2.8	2.8
RP 2.03: FOREST PROTECTION	1.3	.0	.0	1.3	.9	.0	.0	.9	2.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.01: CORN	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.9	.0	.9	.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0	1.0	.3	.0	1.3	1.3
RP 4.03: POULTRY	2.5	.0	.0	2.5	5.1	.0	.0	5.1	7.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.4	1.2	.0	1.6	1.6
RP 5.02: FOOD SAFETY	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.9	2.8	.0	3.7	3.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.7	.0	.0	3.7	.4	.0	.0	.4	4.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	7.7	.0	.0	7.7	22.2	8.2	.0	30.4	38.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 1

RESEARCH PROGRAM SUMMARY

DISTRICT OF COLUMBIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	9.2	.0	9.2	.0	.0	.0	.0	9.2
RP 1.02: WATER & WATERSHEDS	.0	5.7	.0	5.7	.0	.0	.0	.0	5.7
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.2	15.6	.0	15.8	.0	.0	.0	.0	15.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.8	.0	.8	.0	.0	.0	.0	.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.2	.0	.2	.0	.0	.0	.0	.2
RP 3.02: GRAIN SORGHUM	.0	.1	.0	.1	.0	.0	.0	.0	.1
RP 3.03: WHEAT	.0	.2	.0	.2	.0	.0	.0	.0	.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.2	.0	.2	.0	.0	.0	.0	.2
RP 3.05: RICE	.0	.1	.0	.1	.0	.0	.0	.0	.1
RP 3.06: SOYBEANS	.0	.2	.0	.2	.0	.0	.0	.0	.2
RP 3.10: COTTON	.0	.7	.0	.7	.0	.0	.0	.0	.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	9.0	.1	.0	9.1	.0	.0	.0	.0	9.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 5.01: FOOD & NUTRITION	.2	10.7	.0	10.9	.0	.0	.0	.0	10.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	39.3	.0	39.3	.0	.0	.0	.0	39.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	50.5	.0	50.5	.0	.0	.0	.0	50.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	71.4	.0	71.4	.0	.0	.0	.0	71.4
RP 6.03: MARKETING & COMPETITION	.0	163.8	.0	163.8	.0	.0	.0	.0	163.8
GRAND TOTAL	9.6	368.9	.0	378.5	.0	.0	.0	.0	378.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY MAINE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.02: WATER & WATERSHEDS	2.2	.0	.0	2.2	.0	.0	.0	.0	2.2
RP 1.03: RECREATION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.7	4.7	3.6	.0	.0	3.6	8.3
RP 2.03: FOREST PROTECTION	.0	.0	1.8	1.8	4.5	.0	.0	4.5	6.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.7	.7	.3	.0	.0	.3	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.01: CORN	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	.6	.0	.0	.6	1.3	.0	.0	1.3	1.9
RP 3.13: FRUIT	.8	.0	.0	.8	4.0	.0	.0	4.0	4.8
RP 3.14: VEGETABLE CROPS	1.4	.0	.0	1.4	8.8	.0	.0	8.8	10.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.02: DAIRY	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.03: POULTRY	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.04: SHEEP	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
GRAND TOTAL	5.0	.0	7.2	12.2	59.1	.0	.0	59.1	71.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CB/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.6	.0	.0	3.6	2.3	.2	.0	2.5	6.1
RP 1.02: WATER & WATERSHEDS	8.3	.0	.0	8.3	.6	.0	.0	.6	8.9
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	22.3	1.5	.0	23.8	4.4	.2	.0	4.7	28.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.2	.0	.0	1.2	.0	.0	.0	.0	1.2
RP 1.06: FISH & WILDLIFE	.7	.0	.0	.7	.5	.0	.0	.5	1.2
RP 1.07: REMOTE SENSING	1.8	.0	.0	1.8	.0	.0	.0	.0	1.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.0	6.0	2.8	.0	.0	2.8	8.8
RP 2.03: FOREST PROTECTION	1.4	.0	.0	1.4	1.3	.0	.0	1.3	2.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.01: CORN	4.4	.0	.0	4.4	3.4	.0	.0	3.4	7.8
RP 3.02: GRAIN SORGHUM	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.03: WHEAT	3.3	.0	.0	3.3	1.2	.0	.0	1.2	4.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	1.0	.4	.0	.0	.4	1.4
RP 3.05: RICE	.8	.0	.0	.8	.0	.0	.0	.0	.8
RP 3.06: SOYBEANS	12.8	.0	.0	12.8	3.0	1.2	.0	4.3	17.1
RP 3.07: PEANUTS	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 3.08: SUGAR	2.6	.0	.0	2.6	.0	.0	.0	.0	2.6
RP 3.09: FORAGE, RANGE, & PASTURE	5.4	.0	.0	5.4	2.3	.0	.0	2.3	7.7
RP 3.10: COTTON	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.11: TOBACCO	6.0	.0	.0	6.0	3.1	.0	.0	3.1	9.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.8	.0	.0	5.8	.1	.0	.0	.1	5.9
RP 3.13: FRUIT	17.4	.0	.0	17.4	3.3	.0	.0	3.3	20.8
RP 3.14: VEGETABLE CROPS	26.1	.0	.0	26.1	5.8	.0	.0	5.8	31.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	15.1	.0	.0	15.1	3.8	.0	.0	3.8	18.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	5.1	.0	.0	5.1	.3	.0	.0	.3	5.4
RP 4.01: BEEF	18.3	.0	.0	18.3	2.7	.0	.0	2.7	21.0
RP 4.02: DAIRY	37.3	.0	.0	37.3	6.2	.0	.0	6.2	43.6
RP 4.03: POULTRY	19.1	.0	.0	19.1	8.6	.0	.0	8.6	27.7
RP 4.04: SHEEP	8.4	.0	.0	8.4	.5	.0	.0	.5	8.9
RP 4.05: SWINE	12.7	.0	.0	12.7	.6	.0	.0	.6	13.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.4	.0	.0	4.4	2.8	.0	.0	2.8	7.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.2	.0	.0	.2	.8	.5	.0	1.3	1.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY MARYLAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.01: FOOD & NUTRITION	81.1	.0	.0	81.1	1.1	1.4	.0	2.5	83.6
RP 5.02: FOOD SAFETY	7.9	.0	.0	7.9	2.9	.4	.0	3.2	11.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	4.3	.0	.0	4.3	8.1	1.3	.0	9.4	13.7
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.9	.0	.0	2.9	.0	.0	.0	.0	2.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.6	.0	.0	.6	.2	.0	.0	.2	.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.3	.0	.0	.3	.0	.0	.0	.0	.3
RP 6.03: MARKETING & COMPETITION	9.9	.0	.0	9.9	2.8	.0	.0	2.8	12.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	134.3	.0	.0	134.3	3.3	.1	.0	3.3	137.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	487.5	1.5	6.0	495.0	83.8	5.2	.0	89.0	584.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY MASSACHUSETTS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.03: RECREATION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.03: FOREST PROTECTION	2.4	.0	.0	2.4	.9	.0	.0	.9	3.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.7	1.7	.0	.0	.0	.0	1.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.5	2.5	.7	.0	.0	.7	3.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.01: CORN	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.06: SOYBEANS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.3	.0	.0	.3	7.7	.0	.0	7.7	8.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.3	2.1	.0	.0	2.1	2.4
RP 4.01: BEEF	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.02: DAIRY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.03: POULTRY	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	3.0	.0	4.2	7.2	45.2	.0	.0	45.2	52.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NEW HAMPSHIRE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	8.0	8.0	2.5	.0	.0	2.5	10.5
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.4	.0	.0	.4	2.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.1	4.1	.6	.0	.0	.6	4.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.8	2.8	.0	.0	.0	.0	2.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.13: FRUIT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.02: DAIRY	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.03: POULTRY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	1.0	1.6	.0	.0	1.6	2.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.6	.0	.6	.2	.0	.0	.2	.8
RP 6.03: MARKETING & COMPETITION	.0	.4	.0	.4	.7	.0	.0	.7	1.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	2.0	16.9	18.9	26.3	.0	.0	26.3	45.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.03: RECREATION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	15.6	.0	.0	15.6	15.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.8	.8	1.3	.0	.0	1.3	2.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.4	2.4	.6	.0	.0	.6	3.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.01: CORN	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13: FRUIT	4.3	.0	.0	4.3	9.0	.0	.0	9.0	13.3
RP 3.14: VEGETABLE CROPS	.7	.0	.0	.7	8.6	.0	.0	8.6	9.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	7.0	.0	.0	7.0	7.0
RP 4.01: BEEF	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.02: DAIRY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.03: POULTRY	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.04: SHEEP	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.05: SWINE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	8.8	.0	.0	8.8	8.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NEW JERSEY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	10.4	.0	.0	10.4	10.4
GRAND TOTAL	5.0	.0	3.2	8.2	108.7	.0	.0	108.7	116.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	AR	ESCS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.7	.0	.0	1.7	10.8	.3	.0	11.1	12.8
RP 1.02: WATER & WATERSHEDS	.4	1.0	.0	1.4	1.8	.0	.0	1.8	3.2
RP 1.03: RECREATION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.6	.0	.0	.6	11.5	1.5	.0	13.0	13.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.3	.4	.0	1.7	1.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.5	.0	.3	1.8	1.8
RP 2.03: FOREST PROTECTION	.3	.0	.0	.3	.5	.0	.9	1.4	1.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.2	.0	.2	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	1.0	1.0	.1	.0	.2	.3	1.3
RP 3.01: CORN	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 3.03: WHEAT	.2	.0	.0	.2	.2	.0	.0	.2	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.1	.0	.3	.3
RP 3.05: RICE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.06: SOYBEANS	3.6	.0	.0	3.6	.7	.1	.0	2.8	6.4
RP 3.09: FORAGE, RANGE, & PASTURE	2.9	.0	.0	2.9	6.3	.2	.0	6.5	9.4
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.4	.0	.6	.6
RP 3.13: FRUIT	.2	.0	.0	.2	6.6	33.4	.0	39.9	40.1
RP 3.14: VEGETABLE CROPS	1.8	.0	.0	1.8	17.0	21.3	.0	38.4	40.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	5.7	1.1	.0	6.8	7.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.01: BEEF	13.4	.0	.0	13.4	3.6	.0	.0	3.6	17.0
RP 4.02: DAIRY	8.9	.0	.0	8.9	21.0	.0	.0	21.0	29.8
RP 4.03: POULTRY	3.5	.0	.0	3.5	14.2	.0	.0	14.2	17.7
RP 4.04: SHEEP	3.0	.0	.0	3.0	.9	.0	.0	.9	3.9
RP 4.05: SWINE	7.5	.0	.0	7.5	1.0	.0	.0	1.0	8.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.6	.0	.0	.6	4.4	.0	.0	4.4	5.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	2.2	.5	.0	2.7	2.7
RP 5.01: FOOD & NUTRITION	1.6	.0	.0	1.6	11.5	1.0	.0	12.5	14.1
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.0	3.8	.0	5.8	5.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY NEW YORK

	AR	ESCS	FS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.3	.0	.3	27.7	.0	.0	27.7	28.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.9	.0	.0	.9	8.0	.0	.0	8.0	8.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	5.4	.2	.0	5.6	5.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.7	.0	.0	5.7	41.9	5.5	.0	47.5	53.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	56.8	1.3	1.0	59.1	228.4	69.9	2.8	303.1	362.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.7	1.8	.0	2.5	3.6	.0	.0	3.6	6.1
RP 1.02: WATER & WATERSHEDS	5.8	1.7	.0	7.5	.0	.0	.0	.0	7.6
RP 1.04: ENVIRONMENTAL QUALITY	16.4	2.5	.0	18.9	4.5	.0	.0	4.5	23.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	1.3	.0	1.3	.0	.0	.0	.0	1.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	10.2	10.2	.7	.0	.0	.7	10.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.2	5.2	2.2	.0	.0	2.2	7.3
RP 2.03: FOREST PROTECTION	.0	.0	3.0	3.0	.8	.0	.0	.8	3.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	2.9	2.9	.5	.0	.0	.5	3.4
RP 3.01: CORN	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 3.03: WHEAT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.0	.0	.0	2.0	.7	.0	.0	.7	2.7
RP 3.09: FORAGE, RANGE, & PASTURE	10.1	.0	.0	10.1	9.5	.0	.0	9.5	19.6
RP 3.11: TOBACCO	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	2.4	.0	.0	2.4	.0	.0	.0	.0	2.4
RP 3.13: FRUIT	2.9	.0	.0	2.9	12.1	.0	.0	12.1	15.0
RP 3.14: VEGETABLE CROPS	12.7	.0	.0	12.7	8.2	.0	.0	8.2	20.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.5	.0	.0	.5	.6	.0	.0	.6	1.1
RP 4.01: BEEF	26.4	.0	.0	26.4	3.7	.1	.0	3.8	30.2
RP 4.02: DAIRY	17.0	.0	.0	17.0	7.4	.0	.0	7.4	24.4
RP 4.03: POULTRY	.0	.0	.0	.0	9.7	.0	.0	9.7	9.7
RP 4.04: SHEEP	.7	.0	.0	.7	1.0	.0	.0	1.0	1.7
RP 4.05: SWINE	4.6	.0	.0	4.6	2.4	.0	.0	2.4	6.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.6	.0	.0	2.6	1.1	.0	.0	1.1	3.7
RP 5.01: FOOD & NUTRITION	4.1	.0	.0	4.1	3.2	.0	.0	3.2	7.3
RP 5.02: FOOD SAFETY	40.2	.0	.0	40.2	1.3	.0	.0	1.3	41.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	1.0	11.1	.0	.0	11.1	12.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.3	.0	.3	3.6	.0	.0	3.6	3.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY PENNSYLVANIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.9	.0	.9	8.0	.0	.0	8.0	8.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.4	.0	.0	1.4	10.6	.0	.0	10.6	12.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	150.4	9.6	21.3	181.3	136.0	.1	.0	136.1	317.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY RHODE ISLAND

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.03: RECREATION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.13: FRUIT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2
RP 4.02: DAIRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.03: POULTRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	28.6	.0	.0	28.6	28.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY VERMONT

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.1	5.1	.5	.0	1.8	2.3	7.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.5	.0	.5	1.0	1.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	2.3	2.3	1.1	.0	.2	1.3	3.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.4	.4	.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	1.6	1.6	1.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.4	.4	.4
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.13: FRUIT	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.01: BEEF	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.02: DAIRY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 4.03: POULTRY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.04: SHEEP	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
GRAND TOTAL	.0	.0	7.4	7.4	27.2	.0	5.4	32.6	40.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 1

RESEARCH PROGRAM SUMMARY WEST VIRGINIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.2	.5	.0	4.7	2.0	.0	.0	2.0	6.7
RP 1.02: WATER & WATERSHEDS	3.8	.5	.0	4.3	.2	.0	.0	.2	4.5
RP 1.03: RECREATION	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.2	3.2	2.0	.0	.0	2.0	5.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	19.3	19.3	1.2	.0	.0	1.2	20.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.1	3.1	.1	.0	.0	.1	3.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	2.3	2.3	.8	.0	.0	.8	3.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.01: CORN	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.13: FRUIT	.6	.0	.0	.6	3.6	.0	.0	3.6	4.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.01: BEEF	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.02: DAIRY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.03: POULTRY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.04: SHEEP	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.3	.0	.0	.3	.3
GRAND TOTAL	8.6	1.0	27.8	37.4	37.2	.0	.0	37.2	74.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

	AR	ESCS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA NORMAL	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	7.2	.0	.0	7.2	5.5	.3	.1	5.9	13.0
RP 1.02: WATER & WATERSHEDS	1.5	.0	.0	1.5	1.2	.0	.1	1.2	2.7
RP 1.03: RECREATION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAI QUALITY	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.5	.0	.2	.7	.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.7	.0	.1	1.7	1.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	4.1	.0	.8	4.9	7.9
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.0	3.0	3.3	.0	.0	3.3	6.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.01: CORN	.1	.0	.0	.1	3.0	.0	.0	3.0	3.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.03: WHEAT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.1	.8	.0	3.6	4.3	4.4
RP 3.06: SOYBEANS	.0	.0	.0	.0	9.6	.0	.8	10.4	10.4
RP 3.07: PEANUTS	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.1	8.2	.5	.1	8.8	8.8
RP 3.10: COTTON	2.2	.0	.0	2.2	6.6	.0	.0	6.6	8.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	.0	.0	.0	.0	5.6	2.0	.0	7.6	7.6
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	7.5	6.6	.0	14.1	14.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 4.01: BEEF	1.4	.0	.0	1.4	14.3	.5	.2	15.0	16.4
RP 4.02: DAIRY	1.4	.0	.0	1.4	7.7	.1	.1	7.8	9.2
RP 4.03: POULTRY	.0	.0	.0	.0	8.1	1.6	.2	9.8	9.8
RP 4.04: SHEEP	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 4.05: SWINE	.0	.0	.0	.0	5.4	.9	.0	6.3	6.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.8	.9	.7	3.4	3.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	1.9	.3	.0	2.2	2.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	3.7	3.3	.9	7.9	7.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.2	.0	.0	1.2	2.2	.0	.0	2.2	3.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY ALABAMA

	AR	ESCS	FS	USDA TOTAL	SAES	ALABAMA TUSKEGEE	ALABAMA NORMAL	CR/SAES TOTAL	TOTAL
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.9	.0	.0	2.9	5.5	.7	.3	6.5	9.4
GRAND TOTAL	18.0	.0	6.0	24.0	141.3	17.7	8.6	167.6	191.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	1.3	.0	1.3	3.0	1.1	.0	4.1	5.4
RP 1.02: WATER & WATERSHEDS	.0	.2	.0	.2	1.4	.0	.0	1.4	1.6
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.2	.0	.2	.1	.0	.0	.1	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.4	5.4	3.1	.0	.0	3.1	8.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	1.2	1.2	1.2	.0	.0	1.2	2.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.9	.1	.0	1.1	1.1
RP 3.03: WHEAT	.0	.0	.0	.0	1.5	.4	.0	1.9	1.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.05: RICE	2.0	.0	.0	2.0	4.4	.0	.0	4.4	6.4
RP 3.06: SOYBEANS	.0	.0	.0	.0	12.3	3.9	.0	16.2	16.2
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.10: COTTON	.0	.0	.0	.0	9.6	.8	.0	10.4	10.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	6.4	.6	.0	7.0	7.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 4.01: BEEF	.0	.0	.0	.0	6.7	.0	.0	6.7	6.7
RP 4.02: DAIRY	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.03: POULTRY	.0	.0	.0	.0	8.2	.9	.0	9.1	9.1
RP 4.04: SHEEP	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.05: SWINE	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	1.0	.0	1.1	1.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.0	1.1	.0	3.1	3.1
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY ARKANSAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	4.7	2.3	.0	7.0	7.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.4	.0	.4	4.1	.0	.0	4.1	4.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	2.0	2.1	6.6	10.7	106.2	13.2	.0	119.4	130.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CP/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.0	.0	.0	1.0	16.1	1.1	.0	17.2	18.2
RP 1.02: WATER & WATERSHEDS	2.9	.0	.0	2.9	8.8	.9	.0	9.7	12.6
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	17.9	7.5	.0	25.4	25.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	3.0	.1	.0	3.1	3.1
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	9.7	9.7	4.9	.0	.0	4.9	14.6
RP 2.03: FOREST PROTECTION	.0	.0	1.1	1.1	5.0	.0	.0	5.0	6.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.8	.8	2.8	.0	.0	2.8	3.6
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.01: CORN	2.1	.0	.0	2.1	6.9	.0	.0	6.9	8.9
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.7	2.1	.0	.0	2.1	2.7
RP 3.03: WHEAT	1.1	.0	.0	1.1	.7	.0	.0	.7	1.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.3	1.2	.0	.0	1.2	1.4
RP 3.05: RICE	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.06: SOYBEANS	1.7	.0	.0	1.7	10.2	.0	.0	10.2	11.9
RP 3.07: PEANUTS	.8	.0	.0	.8	5.7	2.0	.0	7.7	8.5
RP 3.08: SUGAR	6.4	.0	.0	6.4	2.1	.0	.0	2.1	8.5
RP 3.09: FORAGE, RANGE, & PASTURE	2.4	.0	.0	2.4	27.7	.0	.0	27.7	30.0
RP 3.10: COTTON	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.11: TOBACCO	.5	.0	.0	.5	2.9	.0	.0	2.9	3.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.1	.0	.0	.1	.6	.0	.0	.6	.7
RP 3.13: FRUIT	38.3	.0	.0	38.3	67.3	.0	.0	67.3	105.6
RP 3.14: VEGETABLE CROPS	1.6	.0	.0	1.6	49.7	.0	.0	49.7	51.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.7	.0	.0	1.7	28.2	.0	.0	28.2	29.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.01: BEEF	1.3	.0	.0	1.3	19.6	1.2	.0	20.8	22.1
RP 4.02: DAIRY	1.0	.0	.0	1.0	10.1	.0	.0	10.1	11.2
RP 4.03: POULTRY	.6	.0	.0	.6	5.5	.0	.0	5.5	6.1
RP 4.04: SHEEP	.5	.0	.0	.5	.9	.0	.0	.9	1.3
RP 4.05: SWINE	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY FLORIDA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	2.9	.8	.0	3.6	3.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	5.2	6.7	.0	11.9	11.9
RP 5.02: FOOD SAFETY	.1	.0	.0	.1	5.1	.0	.0	5.1	5.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	5.4	1.7	.0	7.1	7.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	20.6	.0	.0	20.6	1.0	.0	.0	1.0	21.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	7.9	.0	.0	7.9	7.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	2.8	.0	.0	2.8	.3	.0	.0	.3	3.1
RP 6.03: MARKETING & COMPETITION	3.6	2.0	.0	5.6	9.4	.0	.0	9.4	15.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	19.4	.0	.0	19.4	22.9	.0	.0	22.9	42.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	9.4	.0	.0	9.4	9.4
GRAND TOTAL	111.8	2.0	11.6	125.4	387.0	22.0	.0	409.0	534.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.4	.0	.0	3.4	6.0	.0	.0	6.0	9.4
RP 1.02: WATER & WATERSHEDS	7.3	.0	.0	7.3	1.5	.0	.0	1.5	8.8
RP 1.04: ENVIRONMENTAL QUALITY	5.1	3.0	.0	8.1	4.0	.6	.0	4.6	12.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.2	.0	.5	.5
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.5	.5	.0	.0	.0	.0	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	8.0	8.0	6.6	.0	.0	6.6	14.6
RP 2.03: FOREST PROTECTION	.0	.0	23.7	23.7	2.4	.0	.0	2.4	26.1
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	10.8	10.8	5.4	.0	.0	5.4	16.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.6	3.6	1.2	.0	.0	1.2	4.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	.2	.0	.0	.2	3.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.5	.5	.0	.0	.0	.0	.5
RP 3.01: CORN	8.9	.0	.0	8.9	4.3	.0	.0	4.3	13.3
RP 3.02: GRAIN SORGHUM	2.3	.0	.0	2.3	2.0	.0	.0	2.0	4.4
RP 3.03: WHEAT	2.2	.0	.0	2.2	2.1	.0	.0	2.1	4.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.1	2.6	.0	.0	2.6	2.7
RP 3.05: RICE	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 3.06: SOYBEANS	2.8	.3	.0	3.1	8.9	.9	.0	9.8	12.9
RP 3.07: PEANUTS	10.8	.0	.0	10.8	6.6	.0	.0	6.6	17.4
RP 3.09: FORAGE, RANGE, & PASTURE	15.5	.0	.0	15.5	8.3	.0	.0	8.3	23.8
RP 3.10: COTTON	2.8	.8	.0	3.5	2.2	.0	.0	2.2	5.8
RP 3.11: TOBACCO	6.4	.0	.0	6.4	2.3	.0	.0	2.3	8.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.5	.0	.0	3.5	.1	.0	.0	.1	3.5
RP 3.13: FRUIT	24.6	.0	.0	24.6	14.2	1.4	.0	15.6	40.2
RP 3.14: VEGETABLE CROPS	8.5	.0	.0	8.5	14.9	1.6	.0	16.5	25.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	2.0	.0	.0	2.0	7.3	.0	.0	7.3	9.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.5	.0	.0	.5	.1	.0	.0	.1	.6
RP 4.01: BEEF	2.6	.0	.0	2.6	9.6	.7	.0	10.3	12.8
RP 4.02: DAIRY	.9	.0	.0	.9	7.9	.0	.0	7.9	8.7
RP 4.03: POULTRY	15.5	.0	.0	15.5	9.0	.9	.0	9.9	25.4
RP 4.04: SHEEP	1.7	.0	.0	1.7	.3	.2	.0	.5	2.2
RP 4.05: SWINE	5.3	.0	.0	5.3	5.3	.1	.0	5.4	10.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.2	.0	.0	.2	.5	.5	.0	1.0	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 5.01: FOOD & NUTRITION	3.0	.0	.0	3.0	4.5	.1	.0	4.6	7.6
RP 5.02: FOOD SAFETY	15.9	.0	.0	15.9	3.9	.2	.0	4.1	20.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY GEORGIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	1.6	1.0	.0	2.6	4.1	1.3	.0	5.4	8.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.3	.0	.3	3.0	2.0	.0	5.0	5.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.4	.3	.0	.0	.3	.6
RP 6.03: MARKETING & COMPETITION	5.5	1.8	.0	7.3	7.7	1.2	.0	8.9	16.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	16.0	.0	.0	16.0	6.8	.2	.0	7.0	23.0
GRAND TOTAL	175.7	7.1	50.1	232.9	171.0	12.0	.0	183.0	415.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

KENTUCKY

RESEARCH PROGRAM SUMMARY

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	11.2	11.2	4.7	.0	.0	4.7	15.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RP 3.09: FORAGE, RANGE, & PASTURE	2.4	.0	.0	2.4	11.0	.0	.0	11.0	13.4
RP 3.10: COTTON	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.11: TOBACCO	8.0	.0	.0	8.0	5.8	.0	.0	5.8	13.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.13: FRUIT	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.3	2.7	.0	.0	2.7	3.0
RP 4.01: BEEF	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 4.02: DAIRY	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 4.03: POULTRY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.04: SHEEP	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.05: SWINE	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	11.2	.0	.0	11.2	11.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.2	12.0	.0	14.2	14.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	10.0	5.1	.0	15.0	15.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	6.0	.0	.0	6.0	6.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.2	5.1	.6	.0	5.7	5.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.4	.0	.0	.4	.4
GRAND TOTAL	10.8	.0	11.2	22.0	117.2	17.6	.0	134.8	156.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.7	.0	.0	.7	5.9	.0	.0	5.9	6.6
RP 1.02: WATER & WATERSHEDS	.4	.0	.0	.4	.4	.0	.0	.4	.8
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	5.9	.0	.0	5.9	4.9	.0	.0	4.9	10.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	6.0	6.0	.4	.0	.0	.4	6.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	11.9	11.9	5.3	.0	1.2	6.5	18.4
RP 2.03: FOREST PROTECTION	.0	.0	5.0	5.0	1.3	.0	.6	1.9	6.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	10.4	10.4	1.0	.0	.7	1.7	12.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.5	.0	.3	.8	3.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.3	.7	.7
RP 3.01: CORN	.1	.0	.0	.1	2.9	.0	.0	2.9	3.0
RP 3.02: GRAIN SORGHUM	1.8	.0	.0	1.8	1.9	.0	.0	1.9	3.7
RP 3.03: WHEAT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	.0	.0	1.4	.6	.0	.0	.6	2.0
RP 3.05: RICE	7.1	.0	.0	7.1	13.8	.0	.0	13.8	20.9
RP 3.06: SOYBEANS	.8	.0	.0	.8	12.0	2.0	.0	14.0	14.9
RP 3.07: PEANUTS	6.9	.0	.0	6.9	.0	.0	.0	.0	6.9
RP 3.08: SUGAR	11.6	.0	.0	11.6	11.4	.0	.0	11.4	23.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	12.2	.0	.0	12.2	12.2
RP 3.10: COTTON	108.1	.0	.0	108.1	12.3	.0	.0	12.3	120.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	.0	.0	.0	.0	8.8	.0	.0	8.8	8.8
RP 3.14: VEGETABLE CROPS	.2	.0	.0	.2	15.1	.8	.0	15.9	16.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 3.16: BEES & OTHER POLLINATING INSECTS	8.1	.0	.0	8.1	.0	.0	.0	.0	8.1
RP 4.01: BEEF	1.2	.0	.0	1.2	16.3	.7	.0	17.0	18.2
RP 4.02: DAIRY	.3	.0	.0	.3	13.9	.4	.0	14.3	14.6
RP 4.03: POULTRY	.0	.0	.0	.0	5.2	.4	.0	5.6	5.6
RP 4.04: SHEEP	.5	.0	.0	.5	.4	.0	.0	.4	.9
RP 4.05: SWINE	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.2	.0	.0	.2	5.1	.6	.0	5.7	5.9
RP 5.01: FOOD & NUTRITION	.3	.0	.0	.3	2.1	.0	.0	2.1	2.4
RP 5.02: FOOD SAFETY	6.6	.0	.0	6.6	2.0	.1	.0	2.1	8.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY LOUISIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.6	.0	.0	.6	8.0	1.5	.0	9.5	10.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	1.5	.0	.0	1.5	1.1	.0	.0	1.1	2.6
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.1	1.2	.3	3.6	3.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.7	.0	.0	4.7	.3	.0	.0	.3	5.0
RP 6.03: MARKETING & COMPETITION	.0	1.0	.0	1.0	6.5	.2	.0	6.7	7.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.3	.0	.0	3.3	6.4	.0	.0	6.4	9.7
GRAND TOTAL	172.1	1.0	36.3	209.4	199.1	7.9	3.4	210.4	419.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.8	.0	.0	1.8	4.9	.0	.0	4.9	6.7
RP 1.02: WATER & WATERSHEDS	20.1	.0	.0	20.1	.8	.0	.0	.8	20.9
RP 1.04: ENVIRONMENTAL QUALITY	2.7	3.5	.0	6.2	1.7	.7	.0	2.4	8.7
RP 1.06: FISH & WILDLIFE	.1	.0	.0	.1	4.2	.0	.0	4.2	4.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	17.0	17.0	6.2	.0	.0	6.2	23.2
RP 2.03: FOREST PROTECTION	.0	.0	14.7	14.7	3.6	.0	.0	3.6	18.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.3	3.3	15.8	.0	.0	15.8	19.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.0	4.0	.0	.0	.0	.0	4.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.01: CORN	7.1	.0	.0	7.1	1.3	.0	.0	1.3	8.4
RP 3.02: GRAIN SORGHUM	.4	.0	.0	.4	.6	.0	.0	.6	1.0
RP 3.03: WHEAT	.1	.0	.0	.1	.3	.0	.0	.3	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.05: RICE	.2	.0	.0	.2	3.1	.0	.0	3.1	3.3
RP 3.06: SOYBEANS	13.3	.3	.0	13.6	9.6	.0	.0	9.6	23.2
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	4.0	.0	.0	4.0	.0	.0	.0	.0	4.0
RP 3.09: FORAGE, RANGE, & PASTURE	2.5	.0	.0	2.5	9.5	.3	.0	9.8	12.3
RP 3.10: COTTON	42.6	1.0	.0	43.6	23.4	.0	.0	23.4	67.0
RP 3.11: TOBACCO	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.1	.0	.0	.1	.1	.0	.0	.1	.2
RP 3.13: FRUIT	2.3	.0	.0	2.3	6.3	.0	.0	6.3	8.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	9.4	.3	.0	9.6	9.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 4.01: BEEF	.0	.0	.0	.0	7.1	.6	.0	7.7	7.7
RP 4.02: DAIRY	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RP 4.03: POULTRY	4.9	.0	.0	4.9	8.4	.0	.0	8.4	13.3
RP 4.05: SWINE	.0	.0	.0	.0	5.6	.4	.0	6.0	6.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.3	.5	.0	1.8	1.8
RP 5.02: FOOD SAFETY	.1	.0	.0	.1	.3	.0	.0	.3	.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	1.0	5.7	2.7	.0	8.4	9.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	3.0	.0	.0	3.0	.4	.0	.0	.4	3.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY MISSISSIPPI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	1.4	2.1	.0	3.5	4.4	.0	.0	4.4	7.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.9	.0	.0	5.9	4.8	.4	.0	5.2	11.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
GRAND TOTAL	112.6	7.9	39.0	159.5	162.1	5.9	.0	168.0	327.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

RESEARCH PROGRAM SUMMARY

NORTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	1.0	.0	1.0	5.0	.0	.0	5.0	6.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 1.03: RECREATION	.0	.0	.0	.0	.6	1.9	.0	2.5	2.5
RP 1.04: ENVIRONMENTAL QUALITY	5.1	.0	.0	5.1	7.5	8.4	.0	15.9	21.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	2.8	1.0	.0	3.7	3.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	9.0	9.0	1.0	.0	.0	1.0	10.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	10.9	10.9	7.6	.0	.0	7.6	18.5
RP 2.03: FOREST PROTECTION	.0	.0	8.0	8.0	2.2	.0	.0	2.2	10.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.0	3.0	6.3	.0	.0	6.3	9.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.8	3.8	.7	.0	.0	.7	4.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.3	1.3	.3	.0	.0	.3	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	2.6	.0	.0	2.6	8.9	.0	.0	8.9	11.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.06: SOYBEANS	5.1	.0	.0	5.1	12.5	.0	.0	12.5	17.6
RP 3.07: PEANUTS	2.1	.0	.0	2.1	7.0	.0	.0	7.0	9.1
RP 3.09: FORAGE, RANGE, & PASTURE	2.4	.0	.0	2.4	4.7	.0	.0	4.7	7.1
RP 3.10: COTTON	3.9	.0	.0	3.9	4.1	.0	.0	4.1	8.0
RP 3.11: TOBACCO	8.9	.0	.0	8.9	22.7	.8	.0	23.5	32.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.0	.0	.0	.0	14.9	.0	.0	14.9	14.9
RP 3.14: VEGETABLE CROPS	5.1	.0	.0	5.1	17.2	.0	.0	17.2	22.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.01: BEEF	.4	.0	.0	.4	6.6	3.0	.0	9.6	10.0
RP 4.02: DAIRY	.3	.0	.0	.3	11.1	2.0	.0	13.1	13.4
RP 4.03: POULTRY	.0	.0	.0	.0	15.8	1.0	.0	16.8	16.8
RP 4.04: SHEEP	.0	.0	.0	.0	.7	5.4	.0	6.1	6.1
RP 4.05: SWINE	.0	.0	.0	.0	8.4	1.1	.0	9.5	9.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.3	.3	.0	1.6	1.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.8	.9	.0	2.7	2.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY NORTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.02: FOOD SAFETY	1.9	.0	.0	1.9	3.2	.0	.0	3.2	5.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	1.0	10.5	8.0	.0	18.4	19.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	1.2	1.4	1.8	.0	3.1	4.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.03: MARKETING & COMPETITION	1.0	.0	.0	1.0	4.3	1.6	.0	5.9	6.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.3	.0	.0	3.3	29.4	1.0	.0	30.4	33.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
GRAND TOTAL	42.0	3.2	35.9	81.1	239.1	38.0	.0	277.1	358.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.1	.0	.0	.1	1.6	.0	.0	1.6	1.7
RP 1.02: WATER & WATERSHEDS	6.0	1.0	.0	7.0	2.3	.0	.0	2.3	9.3
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	7.7	.0	.0	7.7	.6	4.0	.0	4.6	12.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.02: GRAIN SORGHUM	.9	.0	.0	.9	2.0	.0	.0	2.0	2.9
RP 3.03: WHEAT	5.0	.0	.0	5.0	4.5	.0	.0	4.5	9.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.3	1.6	.0	.0	1.6	1.9
RP 3.06: SOYBEANS	.0	.0	.0	.0	1.0	1.0	.0	2.0	2.0
RP 3.07: PEANUTS	3.0	.0	.0	3.0	1.8	.0	.0	1.8	4.8
RP 3.09: FORAGE, RANGE, & PASTURE	4.3	.0	.0	4.3	9.5	.0	.0	9.5	13.8
RP 3.10: COTTON	.0	.0	.0	.0	3.2	2.7	.0	5.9	5.9
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.9	1.0	.0	1.9	1.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.5	.0	.0	.5	.0	.0	.0	.0	.5
RP 4.01: BEEF	6.0	.0	.0	6.0	9.4	.0	.0	9.4	15.4
RP 4.02: DAIRY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.04: SHEEP	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.05: SWINE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.4	3.0	.0	4.4	4.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.8	.0	.8	1.3	1.0	.0	2.3	3.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY OKLAHOMA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	3.8	.0	3.8	6.7	.0	.0	6.7	10.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	7.0	.1	.0	7.1	7.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	14.2	.0	.0	14.2	14.2
GRAND TOTAL	33.9	5.6	.0	39.5	86.0	12.8	.0	98.8	138.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.6	.0	.0	2.6	1.8	.5	.0	2.4	4.9
RP 1.02: WATER & WATERSHEDS	1.3	.0	.0	1.3	.7	.2	.0	.8	2.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.1	1.5	.0	3.6	3.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	.0	.0	.1	.1	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.5	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	11.0	11.0	.0	.0	6.2	6.2	17.2
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.1	.0	.6	.6	.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.6	.6	.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	1.2	1.2	1.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.0	4.0	.0	.0	.7	.7	4.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.3	.0	.3	.6	.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.4	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.06: SOYBEANS	.8	.0	.0	.8	12.7	1.3	.0	14.0	14.7
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	1.0	6.5	.0	.0	6.5	7.5
RP 3.10: COTTON	11.4	.0	.0	11.4	3.6	.0	.0	3.6	15.0
RP 3.11: TOBACCO	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.13: FRUIT	1.0	.0	.0	1.0	10.4	.0	.0	10.4	11.4
RP 3.14: VEGETABLE CROPS	12.0	.0	.0	12.0	9.7	.6	.0	10.3	22.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.01: BEEF	.0	.0	.0	.0	5.9	.0	.0	5.9	5.9
RP 4.02: DAIRY	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 4.03: POULTRY	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.04: SHEEP	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.05: SWINE	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.6	.6	.0	2.2	2.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	1.3	.7	.0	2.0	2.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	3.6	.0	.0	3.6	4.4	3.6	.0	8.0	11.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTH CAROLINA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.8	.3	.0	3.1	3.1
RP 6.03: MARKETING & COMPETITION	.4	.0	.0	.4	3.1	.0	.0	3.1	3.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
GRAND TOTAL	34.2	.0	15.0	49.2	98.8	9.3	10.6	118.7	167.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY TENNESSEE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.04: ENVIRONMENTAL QUALITY	.6	.0	.0	.6	1.5	.0	.0	1.5	2.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.4	3.4	3.2	.0	.0	3.2	6.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.0	.0	.0	.0	4.5	.4	.0	4.9	4.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03: WHEAT	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.06: SOYBEANS	.9	.0	.0	.9	7.3	1.5	.0	8.8	9.7
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.1	4.3	.2	.0	4.5	4.6
RP 3.10: COTTON	3.9	.0	.0	3.9	6.4	.0	.0	6.4	10.3
RP 3.11: TOBACCO	2.0	.0	.0	2.0	4.0	.0	.0	4.0	6.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.13: FRUIT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.3	.8	.0	7.1	7.1
RP 4.01: BEEF	.8	.0	.0	.8	17.5	.4	.0	17.9	18.7
RP 4.02: DAIRY	1.3	.0	.0	1.3	8.2	.0	.0	8.2	9.5
RP 4.03: POULTRY	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.04: SHEEP	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.05: SWINE	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	4.6	.7	.0	5.3	5.3
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.5	.4	.0	.9	.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979

REGION 2

RESEARCH PROGRAM SUMMARY

TENNESSEE

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	2.2	.0	.0	2.2	6.2	4.1	.0	10.3	12.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.1	1.1	.0	3.1	3.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.6	.2	.0	3.8	3.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	2.1	.3	.0	2.4	2.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	11.8	.0	3.4	15.2	118.7	10.1	.0	128.8	144.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.8	.0	.0	5.8	7.9	.4	.0	8.3	14.1
RP 1.02: WATER & WATERSHEDS	16.7	.0	.0	16.7	10.1	.0	.0	10.1	26.8
RP 1.03: RECREATION	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 1.04: ENVIRONMENTAL QUALITY	1.5	.0	.0	1.5	4.3	.8	.0	5.1	6.6
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.3	.8	.0	.0	.8	1.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 1.07: REMOTE SENSING	4.6	.0	.0	4.6	.3	.0	.0	.3	4.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.2	.7	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.6	.0	1.1	1.7	1.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	2.6	.0	1.8	4.4	4.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.2	.0	.2	1.4	1.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.8	.0	.3	1.1	1.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	6.0	6.0	.3	.0	.3	.6	6.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.3	.0	.3	.5	.5
RP 3.01: CORN	1.0	.0	.0	1.0	2.3	.0	.0	2.3	3.3
RP 3.02: GRAIN SORGHUM	1.8	.0	.0	1.8	12.0	.0	.0	12.0	13.8
RP 3.03: WHEAT	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 3.05: RICE	4.1	.0	.0	4.1	4.8	.0	.0	4.8	8.9
RP 3.06: SOYBEANS	.3	.0	.0	.3	5.4	.2	.0	5.6	5.9
RP 3.07: PEANUTS	.0	.0	.0	.0	6.8	.0	.0	6.8	6.8
RP 3.08: SUGAR	1.6	.0	.0	1.6	3.2	.0	.0	3.2	4.8
RP 3.09: FORAGE, RANGE, & PASTURE	13.0	.0	.0	13.0	24.5	.2	.0	24.7	37.7
RP 3.10: COTTON	29.1	.0	.0	29.1	17.4	.0	.0	17.4	46.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.0	.0	.0	4.0	1.4	.0	.0	1.4	5.4
RP 3.13: FRUIT	10.7	.0	.0	10.7	10.5	.0	.0	10.5	21.2
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	4.8	12.8	.8	.0	13.6	18.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	6.9	.0	.0	6.9	7.1
RP 4.01: BEEF	29.2	.0	.0	29.2	19.3	.4	.0	19.6	48.8
RP 4.02: DAIRY	3.9	.0	.0	3.9	5.6	.5	.0	6.1	10.0
RP 4.03: POULTRY	3.2	.0	.0	3.2	8.7	.0	.0	8.7	11.9
RP 4.04: SHEEP	1.8	.0	.0	1.8	3.1	.0	.0	3.1	5.0
RP 4.05: SWINE	.9	.0	.0	.9	.7	1.3	.0	2.0	2.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.3	.0	.0	1.3	2.6	.3	.0	2.9	4.1
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY TEXAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	5.9	.9	.0	6.8	6.8
RP 5.02: FOOD SAFETY	1.7	.0	.0	1.7	1.9	.0	.0	1.9	3.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	3.4	.6	.0	4.0	4.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.2	.0	2.2	3.2	.3	.0	3.5	5.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.5	.0	.0	.5	.0	.0	.0	.0	.5
RP 6.03: MARKETING & COMPETITION	4.6	3.7	.0	8.3	8.2	.4	.0	8.6	16.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	20.4	.0	.0	20.4	9.0	.0	.0	9.0	29.4
RP 9.01: UNCLASSIFIED	.9	.0	.0	.9	16.8	.0	.3	17.1	18.0
GRAND TOTAL	167.9	5.9	6.0	179.8	248.7	7.0	4.3	260.0	439.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.5	.0	.0	.5	7.6	.0	.0	7.6	8.1
RP 1.02: WATER & WATERSHEDS	.1	.0	.0	.1	1.7	.0	.0	1.7	1.8
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	3.6	1.0	.0	4.5	4.5
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	10.0	.0	.0	10.0	10.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.06: SOYBEANS	.1	.0	.0	.1	5.7	1.4	.0	7.1	7.2
RP 3.07: PEANUTS	4.7	.0	.0	4.7	3.2	.5	.0	3.7	8.3
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	8.2	.4	.0	8.6	8.6
RP 3.10: COTTON	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.11: TOBACCO	2.0	.0	.0	2.0	7.5	.0	.0	7.5	9.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.1	5.4	.0	6.6	6.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 4.01: BEEF	.0	.0	.0	.0	11.1	.1	.0	11.2	11.2
RP 4.02: DAIRY	.0	.0	.0	.0	10.3	.0	.0	10.3	10.3
RP 4.03: POULTRY	.0	.0	.0	.0	8.8	1.0	.0	9.8	9.8
RP 4.04: SHEEP	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 4.05: SWINE	.0	.0	.0	.0	6.0	1.5	.0	7.4	7.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	4.8	3.5	.0	8.3	8.3
RP 5.02: FOOD SAFETY	.3	.0	.0	.3	3.5	2.5	.0	5.9	6.3
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	7.4	2.3	.0	9.7	9.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY VIRGINIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	5.7	.1	.0	5.8	5.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	22.2	.0	.0	22.2	22.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
GRAND TOTAL	7.7	.0	.0	7.7	165.1	19.5	.0	184.6	192.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY PUERTO RICO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.1	.0	.0	4.1	1.8	.0	.0	1.8	5.9
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.5	4.5	.0	.0	.0	.0	4.5
RP 3.01: CORN	.2	.0	.0	.2	.6	.0	.0	.6	.8
RP 3.02: GRAIN SORGHUM	.4	.0	.0	.4	.4	.0	.0	.4	.8
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.05: RICE	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.06: SOYBEANS	.4	.0	.0	.4	.6	.0	.0	.6	1.0
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	.0	.0	.0	.0	15.7	.0	.0	15.7	15.7
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.1	6.1	.0	.0	6.1	6.2
RP 3.11: TOBACCO	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.12: NEW CROPS & MINOR OILSEEDS	.3	.0	.0	.3	4.5	.0	.0	4.5	4.8
RP 3.13: FRUIT	.2	.0	.0	.2	16.4	.0	.0	16.4	16.6
RP 3.14: VEGETABLE CROPS	2.5	.0	.0	2.5	23.4	.0	.0	23.4	25.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.01: BEEF	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.02: DAIRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.03: POULTRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.05: SWINE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
GRAND TOTAL	8.3	.0	4.5	12.8	101.8	.0	.0	101.8	114.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 2

RESEARCH PROGRAM SUMMARY VIRGIN IS

	AR	ESCS	PS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.01: BEEF	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.1	.0	.0	.1	.1
GRAND TOTAL	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY ALASKA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.8	.0	.0	.8	.5	.0	.0	.5	1.2
RP 1.03: RECREATION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	2.1	2.1	.0	.0	.0	.0	2.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	3.7	3.7	.0	.0	.0	.0	3.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.8	5.8	.7	.0	.0	.7	6.5
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.0	.0	.0	.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	4.3	4.3	.1	.0	.0	.1	4.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.8	.8	.0	.0	.0	.0	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.4	1.1	.0	.0	1.1	1.4
RP 3.09: FORAGE, RANGE, & PASTURE	1.3	.0	.0	1.3	.9	.0	.0	.9	2.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.1	.0	.0	.1	.1	.0	.0	.1	.2
RP 3.13: FRUIT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.14: VEGETABLE CROPS	1.1	.0	.0	1.1	.3	.0	.0	.3	1.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.6	.0	.0	.6	.2	.0	.0	.2	.8
RP 4.02: DAIRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.05: SWINE	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
GRAND TOTAL	4.2	.0	18.7	22.9	10.4	.0	.0	10.4	33.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.6	.0	.0	4.6	12.3	.0	.0	12.3	16.9
RP 1.02: WATER & WATERSHEDS	4.0	.0	.0	4.0	2.2	.0	.0	2.2	6.2
RP 1.04: ENVIRONMENTAL QUALITY	9.8	.0	.0	9.8	3.6	.0	.0	3.6	13.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.0	6.0	.8	.0	1.5	2.3	8.3
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.3	.0	.0	.3	2.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.3	3.3	1.3	.0	.4	1.7	5.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.3	.0	.3	1.5	1.5
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.4	1.4	.5	.0	1.1	1.6	3.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.1	.2	.2
RP 3.01: CORN	24.4	.0	.0	24.4	11.0	.0	.0	11.0	35.4
RP 3.02: GRAIN SORGHUM	2.7	.0	.0	2.8	.3	.0	.0	.3	3.0
RP 3.03: WHEAT	12.0	.0	.0	12.0	1.2	.0	.0	1.2	13.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	4.3	.0	.0	4.3	1.2	.0	.0	1.2	5.5
RP 3.05: RICE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.06: SOYBEANS	41.1	.0	.0	41.1	18.6	.0	.0	18.6	59.7
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.5	.0	.0	.5	3.1	.0	.0	3.1	3.6
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.11: TOBACCO	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	16.2	.0	.0	16.2	.2	.0	.0	.2	16.4
RP 3.13: FRUIT	.7	.0	.0	.7	4.8	.0	.0	4.8	5.5
RP 3.14: VEGETABLE CROPS	.4	.0	.0	.4	5.2	.0	.0	5.2	5.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.01: BEEF	.3	.0	.0	.3	5.6	.0	.0	5.6	5.9
RP 4.02: DAIRY	.8	.0	.0	.8	9.8	.0	.0	9.8	10.6
RP 4.03: POULTRY	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.04: SHEEP	.2	.0	.0	.2	3.6	.0	.0	3.6	3.8
RP 4.05: SWINE	.0	.0	.0	.0	7.5	.0	.0	7.5	7.5
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.01: FOOD & NUTRITION	6.5	.0	.0	6.5	7.1	.0	.0	7.1	13.6
RP 5.02: FOOD SAFETY	24.0	.0	.0	24.0	1.7	.0	.0	1.7	25.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	9.6	.0	.0	9.6	9.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY ILLINOIS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	1.2	11.0	.0	.0	11.0	12.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	11.0	.0	.0	11.0	1.2	.0	.0	1.2	12.2
RP 6.03: MARKETING & COMPETITION	.0	4.2	.0	4.2	4.3	.0	.0	4.3	8.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	24.5	.0	.0	24.5	9.9	.0	.0	9.9	34.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
GRAND TOTAL	187.8	5.5	12.7	206.0	151.8	.0	3.4	155.2	361.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.8	.0	.0	3.8	8.7	.0	.0	8.7	12.5
RP 1.02: WATER & WATERSHEDS	.3	.0	.0	.3	3.4	.0	.0	3.4	3.7
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.01: CORN	2.1	.0	.0	2.1	14.0	.0	.0	14.0	16.1
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.6	1.7	.0	.0	1.7	2.3
RP 3.03: WHEAT	2.8	.0	.0	2.8	5.2	.0	.0	5.2	8.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.0	.0	.8	.7	.0	.0	.7	1.5
RP 3.06: SOYBEANS	3.2	.0	.0	3.2	7.5	.0	.0	7.5	10.7
RP 3.09: FORAGE, RANGE, & PASTURE	.9	.0	.0	.9	4.5	.0	.0	4.5	5.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.0	.0	.0	1.0	2.0	.0	.0	2.0	3.0
RP 3.13: FRUIT	2.0	.0	.0	2.0	4.6	.0	.0	4.6	6.6
RP 3.14: VEGETABLE CROPS	1.0	.0	.0	1.0	6.9	.0	.0	6.9	7.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.01: BEEF	.0	.0	.0	.0	7.0	.0	.0	7.0	7.0
RP 4.02: DAIRY	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 4.03: POULTRY	2.0	.0	.0	2.0	5.6	.0	.0	5.6	7.6
RP 4.04: SHEEP	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 4.05: SWINE	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY INDIANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CB/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.2	.0	2.2	8.6	.0	.0	8.6	10.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	4.6	.0	.0	4.6	4.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.6	.0	.0	2.6	38.8	.0	.0	38.8	41.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	23.1	2.2	.0	25.3	188.2	.0	.0	188.2	213.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.2	1.5	.0	2.7	9.5	.0	.0	9.5	12.1
RP 1.02: WATER & WATERSHEDS	.0	.8	.0	.8	2.6	.0	.0	2.6	3.4
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.5	.0	.5	5.3	.0	.0	5.3	5.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.7	.0	.7	1.7	.0	.0	1.7	2.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	9.7	.0	.0	9.7	14.4	.0	.0	14.4	24.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.6	.0	.0	.6	3.4	.0	.0	3.4	4.0
RP 3.06: SOYBEANS	5.5	.0	.0	5.5	11.0	.0	.0	11.0	16.5
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.2	.0	.0	.2	.5	.0	.0	.5	.7
RP 3.13: FRUIT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	2.8	.0	.0	2.8	3.2
RP 4.01: BEEF	15.0	.0	.0	15.0	6.8	.0	.0	6.8	21.8
RP 4.02: DAIRY	14.8	.0	.0	14.8	4.9	.0	.0	4.9	19.7
RP 4.03: POULTRY	8.1	.0	.0	8.1	3.5	.0	.0	3.5	11.5
RP 4.04: SHEEP	2.2	.0	.0	2.2	1.2	.0	.0	1.2	3.4
RP 4.05: SWINE	15.3	.0	.0	15.3	9.7	.0	.0	9.7	25.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.2	.0	.0	1.2	1.1	.0	.0	1.1	2.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	7.2	.0	.0	7.2	7.2
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.0	.0	.0	1.0	2.8	.0	.0	2.8	3.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY IOWA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.6	.0	.0	3.6	8.3	.0	.0	8.3	11.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
GRAND TOTAL	78.7	3.5	.0	82.2	118.0	.0	.0	118.0	200.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

	AE	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CB/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.0	.0	.0	4.0	4.9	.0	.0	4.9	8.9
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.9	.0	.0	.9	1.8	.0	.0	1.8	2.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.01: CORN	4.9	.2	.0	5.0	11.1	.0	.0	11.1	16.1
RP 3.02: GRAIN SORGHUM	1.4	.1	.0	1.5	9.3	.0	.0	9.3	10.8
RP 3.03: WHEAT	12.3	.2	.0	12.4	20.0	.0	.0	20.0	32.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.1	.0	.9	3.1	.0	.0	3.1	3.9
RP 3.05: RICE	1.0	.1	.0	1.1	.0	.0	.0	.0	1.2
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	3.4	.0	.0	3.4	4.4
RP 3.08: SUGAR	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.09: FORAGE, RANGE, & PASTURE	1.1	.1	.0	1.2	9.8	.0	.0	9.8	11.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.13: FRUIT	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 4.01: BEEF	.0	.0	.0	.0	18.6	.0	.0	18.6	18.6
RP 4.02: DAIRY	.0	.0	.0	.0	7.0	.0	.0	7.0	7.0
RP 4.03: POULTRY	.0	.0	.0	.0	5.3	.0	.0	5.3	5.3
RP 4.04: SHEEP	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.05: SWINE	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 5.02: FOOD SAFETY	1.0	.0	.0	1.0	1.5	.0	.0	1.5	2.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	11.1	.0	.0	11.1	11.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.5	.0	.0	.5	2.6	.0	.0	2.6	3.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY KANSAS

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	7.1	.0	.0	7.1	7.1
RP 6.03: MARKETING & COMPETITION	4.6	1.6	.0	6.2	3.7	.0	.0	3.7	9.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	20.3	.0	.0	20.3	20.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	33.5	2.2	.0	35.7	177.3	.0	.0	177.3	213.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

		AR	ESCS	FS	USDA TOTAL	MICHIGAN SAES	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CR/SAES TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.0	.8	.0	.8	6.9	.0	.0	7.0	7.7
RP 1.02:	WATER & WATERSHEDS	.0	2.2	1.5	3.7	1.7	.1	.0	1.8	5.5
RP 1.03:	RECREATION	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 1.04:	ENVIRONMENTAL QUALITY	.2	1.8	.0	2.0	6.6	.0	.0	6.6	8.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	1.0	.0	1.0	.7	.0	.0	.7	1.7
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.6	.7	.9	2.2	2.2
RP 2.02:	TIMBER MANAGEMENT	.0	.0	5.8	5.8	2.8	.8	1.0	4.6	10.4
RP 2.03:	FOREST PROTECTION	.0	.0	5.0	5.0	1.4	1.2	.1	2.7	7.7
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.2	4.2	2.6	.0	9.7	12.3	16.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.6	.6	.3	.5	2.0	2.8	3.4
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.1	.1	.0	.2	.2
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.3	.5	.0	.8	.8
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	1.2	.7	.1	2.0	2.0
RP 3.01:	CORN	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 3.03:	WHEAT	2.7	.0	.0	2.7	1.3	.0	.0	1.3	4.0
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	2.3	.0	.0	2.3	2.9	.0	.0	2.9	5.2
RP 3.06:	SOYBEANS	.0	.0	.0	.0	1.9	.2	.0	2.1	2.1
RP 3.08:	SUGAR	2.9	.0	.0	2.9	.2	.0	.0	.2	3.1
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13:	FRUIT	2.2	.0	.0	2.2	11.8	.0	.0	11.8	14.0
RP 3.14:	VEGETABLE CROPS	3.7	.0	.0	3.7	12.5	.0	.0	12.5	16.2
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	5.1	.3	.0	5.4	5.4
RP 4.01:	BEEF	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.02:	DAIRY	.0	.0	.0	.0	12.1	.0	.0	12.1	12.1
RP 4.03:	POULTRY	10.0	.0	.0	10.0	6.5	.0	.0	6.5	16.5
RP 4.04:	SHEEP	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.05:	SWINE	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	9.5	.0	.0	9.5	9.5
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.4	.0	.0	.4	.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MICHIGAN

	AR	ESCS	FS	USDA TOTAL	SAES	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON	CR/SAES TOTAL	TOTAL
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.8	.0	.8	5.0	.0	.0	5.0	5.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	27.4	.0	.0	27.4	27.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	24.0	6.5	17.1	47.6	163.6	5.2	13.8	182.6	230.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	6.1	.0	.0	6.1	7.3	.0	.0	7.3	13.3
RP 1.02: WATER & WATERSHEDS	5.8	.0	.0	5.8	.9	.0	.0	.9	6.7
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	5.6	.0	.0	5.6	2.8	.0	.0	2.8	8.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.3	.6	.0	.0	.6	.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	8.0	8.0	.8	.0	.0	.8	8.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.0	6.0	4.5	.0	.0	4.5	10.5
RP 2.03: FOREST PROTECTION	.0	.0	6.0	6.0	1.8	.0	.0	1.8	7.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.0	4.0	4.6	.0	.0	4.6	8.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.0	3.0	2.0	.0	.0	2.0	5.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.0	4.0	1.4	.0	.0	1.4	5.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.2	3.2	1.6	.0	.0	1.6	4.8
RP 2.08: ALTERNATE USES OF LAND	.0	.0	5.0	5.0	1.1	.0	.0	1.1	6.1
RP 3.01: CORN	.1	.0	.0	.1	9.8	.0	.0	9.8	9.9
RP 3.03: WHEAT	3.9	.0	.0	3.9	3.0	.0	.0	3.0	6.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	2.1	4.3	.0	.0	4.3	6.4
RP 3.05: RICE	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 3.06: SOYBEANS	1.4	.0	.0	1.4	5.1	.0	.0	5.1	6.4
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	5.0	.0	.0	5.0	4.6	.0	.0	4.6	9.6
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.13: FRUIT	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 3.14: VEGETABLE CROPS	2.6	.0	.0	2.6	10.3	.0	.0	10.3	12.9
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.02: DAIRY	.0	.0	.0	.0	12.1	.0	.0	12.1	12.1
RP 4.03: POULTRY	.0	.0	.0	.0	6.6	.0	.0	6.6	6.6
RP 4.04: SHEEP	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.05: SWINE	.0	.0	.0	.0	7.4	.0	.0	7.4	7.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.6	.0	.6	12.0	.0	.0	12.0	12.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MINNESOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.9	.0	.9	1.4	.0	.0	1.4	2.3
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	2.3	.2	.0	2.5	3.1	.0	.0	3.1	5.6
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.0	.0	.0	1.0	12.0	.0	.0	12.0	13.0
GRAND TOTAL	36.1	1.7	39.2	77.0	156.8	.0	.0	156.8	233.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MISSOURI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	1.9	.0	.0	1.9	5.3	.0	.0	5.3	7.2
RP 1.02: WATER & WATERSHEDS	4.9	.0	.0	4.9	.9	.0	.0	.9	5.7
RP 1.03: RECREATION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	1.0	2.8	.0	.0	2.8	3.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	4.0	4.0	2.7	.0	.0	2.7	6.7
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	7.4	.0	.0	7.4	6.2	.0	.0	6.2	13.6
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 3.03: WHEAT	1.2	.0	.0	1.2	2.3	.0	.0	2.3	3.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.06: SOYBEANS	4.0	.0	.0	4.0	5.5	.5	.0	6.0	10.0
RP 3.08: SUGAR	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.09: FORAGE, RANGE, & PASTURE	1.4	.0	2.0	3.4	4.2	.0	.0	4.2	7.6
RP 3.10: COTTON	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 3.11: TOBACCO	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.13: FRUIT	.1	.0	.0	.1	2.8	.0	.0	2.8	2.9
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.8	1.0	.0	3.8	3.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 4.01: BEEF	.7	.0	.0	.7	5.5	.5	.0	6.0	6.8
RP 4.02: DAIRY	.2	.0	.0	.2	7.1	.4	.0	7.5	7.7
RP 4.03: POULTRY	.0	.0	.0	.0	5.7	.0	.0	5.7	5.7
RP 4.04: SHEEP	.0	.0	.0	.0	2.6	.8	.0	3.4	3.4
RP 4.05: SWINE	.0	.0	.0	.0	3.7	.4	.0	4.1	4.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	3.7	4.7	.0	8.4	8.4
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY MISSOURI

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	1.0	6.0	1.0	.0	7.0	8.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.0	1.1	.0	2.1	3.6	.0	.0	3.6	5.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 6.03: MARKETING & COMPETITION	.8	.0	.0	.8	3.3	.0	.0	3.3	4.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	8.0	.0	.0	8.0	6.3	.9	.0	7.2	15.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	32.6	2.1	6.0	40.7	106.8	10.2	.0	117.0	157.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CE/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	3.2	.0	.0	3.2	3.5	.0	.0	3.5	6.7
RP 1.02: WATER & WATERSHEDS	2.1	1.0	.0	3.1	6.1	.0	.0	6.1	9.2
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	1.0	2.2	.0	3.2	2.9	.0	.0	2.9	6.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.4	.0	.0	.4	2.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.0	2.0	.1	.0	.0	.1	2.1
RP 3.01: CORN	2.0	.0	.0	2.0	10.5	.0	.0	10.5	12.5
RP 3.02: GRAIN SORGHUM	4.7	.0	.0	4.7	6.4	.0	.0	6.4	11.1
RP 3.03: WHEAT	3.0	.0	.0	3.0	7.2	.0	.0	7.2	10.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.06: SOYBEANS	.0	.0	.0	.0	5.6	.0	.0	5.6	5.6
RP 3.08: SUGAR	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.09: FORAGE, RANGE, & PASTURE	4.5	.0	.0	4.5	7.9	.0	.0	7.9	12.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	3.5	.0	.0	3.5	3.9
RP 4.01: BEEF	18.8	1.2	.0	20.0	13.7	.0	.0	13.7	33.6
RP 4.02: DAIRY	.5	.0	.0	.5	4.5	.0	.0	4.5	5.0
RP 4.03: POULTRY	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.04: SHEEP	6.6	.0	.0	6.6	1.0	.0	.0	1.0	7.5
RP 4.05: SWINE	7.4	.0	.0	7.4	11.0	.0	.0	11.0	18.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 5.02: FOOD SAFETY	.3	.0	.0	.3	2.4	.0	.0	2.4	2.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.2	.0	.0	.2	7.7	.0	.0	7.7	7.9
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.8	.3	.0	1.1	5.6	.0	.0	5.6	6.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.03: MARKETING & COMPETITION	.0	2.0	.0	2.0	2.9	.0	.0	2.9	4.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.8	.0	.0	3.8	10.9	.0	.0	10.9	14.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY NEBRASKA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	8.1	.0	.0	8.1	8.1
GRAND TOTAL	59.1	6.7	4.0	69.8	142.6	.0	.0	142.6	212.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY NORTH DAKOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.9	.5	.0	5.4	12.5	.0	.0	12.5	17.9
RP 1.02: WATER & WATERSHEDS	4.7	.5	.0	5.2	4.4	.0	.0	4.4	9.6
RP 1.04: ENVIRONMENTAL QUALITY	3.2	.0	.0	3.2	2.1	.0	.0	2.1	5.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.03: FOREST PROTECTION	.0	.0	1.5	1.5	.4	.0	.0	.4	1.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.5	1.5	.0	.0	.0	.0	1.5
RP 3.01: CORN	.3	.0	.0	.3	1.8	.0	.0	1.8	2.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	3.7	.0	.0	3.7	15.3	.0	.0	15.3	19.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.7	9.1	.0	.0	9.1	9.9
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.08: SUGAR	3.1	.0	.0	3.1	1.9	.0	.0	1.9	5.0
RP 3.09: FORAGE, RANGE, & PASTURE	5.9	.0	.0	5.9	7.4	.0	.0	7.4	13.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.0	.0	.0	5.0	6.3	.0	.0	6.3	11.4
RP 3.13: FRUIT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	5.2	.0	.0	5.2	5.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	2.1	.0	.0	2.1	.8	.0	.0	.8	2.9
RP 4.01: BEEF	2.0	.0	.0	2.0	8.5	.0	.0	8.5	10.5
RP 4.02: DAIRY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 4.03: POULTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.04: SHEEP	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 4.05: SWINE	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	2.1	.0	.0	2.1	.2	.0	.0	.2	2.3
RP 5.02: FOOD SAFETY	11.2	.0	.0	11.2	.9	.0	.0	.9	12.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.1	3.5	.0	.0	3.5	3.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	18.2	.0	.0	18.2	16.2	.0	.0	16.2	34.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
GRAND TOTAL	67.1	1.1	3.0	71.2	114.3	.0	.0	114.3	185.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	AR	ESCS	FS	USDA TOTAL	SAES	OHIO ALLIANCE	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.5	.0	.0	.5	7.1	.0	.0	7.1	7.6
RP 1.02: WATER & WATERSHEDS	3.4	.0	.0	3.4	1.3	.0	.0	1.3	4.7
RP 1.03: RECREATION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	2.3	3.1	.0	.0	3.1	5.4
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	5.7	.0	.0	5.7	8.7
RP 2.03: FOREST PROTECTION	.0	.0	12.4	12.4	1.1	.0	.0	1.1	13.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	6.5	6.5	.2	.0	.0	.2	6.6
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.1	3.1	.8	.0	.0	.8	3.9
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.6	.6	.1	.0	.0	.1	.8
RP 3.01: CORN	4.2	.0	.0	4.2	8.0	.0	.0	8.0	12.2
RP 3.03: WHEAT	2.0	.0	.0	2.0	1.1	.0	.0	1.1	3.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.06: SOYBEANS	1.0	.0	.0	1.0	8.2	.0	.0	8.2	9.2
RP 3.08: SUGAR	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 3.11: TOBACCO	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.13: FRUIT	1.5	.0	.0	1.5	5.7	.0	.0	5.7	7.2
RP 3.14: VEGETABLE CROPS	1.4	.0	.0	1.4	11.0	.0	.0	11.0	12.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	6.7	.0	.0	6.7	9.0	.0	.0	9.0	15.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.01: BEEF	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 4.02: DAIRY	.0	.0	.0	.0	8.6	.0	.0	8.6	8.6
RP 4.03: POULTRY	.0	.0	.0	.0	6.5	.0	.0	6.5	6.5
RP 4.04: SHEEP	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 4.05: SWINE	.0	.0	.0	.0	8.3	.0	.0	8.3	8.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.1	.0	.0	.1	1.8	.0	.0	1.8	1.9
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	8.6	.0	.0	8.6	8.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY OHIO

	AR	ESCS	FS	USDA TOTAL	SAES	OHIO ALLIANCE	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.0	.0	.0	2.0	3.8	.0	.0	3.8	5.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	25.1	.0	25.6	50.7	123.7	.0	.0	123.7	174.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY SOUTH DAKOTA

		AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 1.03:	RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.03:	FOREST PROTECTION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	3.0	3.0	.0	.0	.0	.0	3.0
RP 3.01:	CORN	6.6	.0	.0	6.6	2.7	.0	.0	2.7	9.4
RP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03:	WHEAT	1.6	.0	.0	1.6	4.5	.0	.0	4.5	6.1
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.7	.0	.0	1.7	3.1	.0	.0	3.1	4.8
RP 3.06:	SOYBEANS	.2	.0	.0	.2	.8	.0	.0	.8	1.0
RP 3.09:	FORAGE, RANGE, & PASTURE	.2	.0	.0	.2	9.3	.0	.0	9.3	9.5
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.7	.0	.0	.7	2.0	.0	.0	2.0	2.7
RP 3.13:	FRUIT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.01:	BEEF	.0	.0	.0	.0	16.5	.0	.0	16.5	16.5
RP 4.02:	DAIRY	.0	.0	.0	.0	3.8	.0	.0	3.8	3.8
RP 4.03:	POULTRY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 4.04:	SHEEP	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.05:	SWINE	.0	.0	.0	.0	6.3	.0	.0	6.3	6.3
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	6.2	.0	.0	6.2	6.2
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.2	4.8	.0	.0	4.8	5.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY SOUTH DAKOTA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	15.2	.0	.0	15.2	15.2
GRAND TOTAL	11.2	.0	6.0	17.2	105.5	.0	.0	105.5	122.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.9	.0	.9	5.9	.0	.0	5.9	6.8
RP 1.02: WATER & WATERSHEDS	.0	.1	.0	.1	.5	.0	.0	.5	.6
RP 1.03: RECREATION	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	1.7	.0	1.7	6.4	.0	.0	6.4	8.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.02: TIMBER MANAGEMENT	.0	.0	14.1	14.1	2.7	.0	.0	2.7	16.8
RP 2.03: FOREST PROTECTION	.0	.0	8.1	8.1	4.3	.0	.0	4.3	12.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	93.9	93.9	2.8	.0	.0	2.8	96.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.01: CORN	.1	.0	.0	.1	3.2	.0	.0	3.2	3.3
RP 3.03: WHEAT	.2	.0	.0	.2	.4	.0	.0	.4	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	5.2	.0	.0	5.2	1.9	.0	.0	1.9	7.2
RP 3.06: SOYBEANS	.1	.0	.0	.1	2.0	.0	.0	2.0	2.1
RP 3.07: PEANUTS	.1	.0	.0	.1	.0	.0	.0	.0	.1
RP 3.09: FORAGE, RANGE, & PASTURE	1.2	.0	.0	1.2	5.9	.0	.0	5.9	7.1
RP 3.11: TOBACCO	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 3.14: VEGETABLE CROPS	4.1	.0	.0	4.1	15.2	.0	.0	15.2	19.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.9	.0	.0	2.9	2.2	.0	.0	2.2	5.1
RP 4.01: BEEF	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 4.02: DAIRY	.5	.0	.0	.5	9.5	.0	.0	9.5	10.0
RP 4.03: POULTRY	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 4.04: SHEEP	.2	.0	.0	.2	.7	.0	.0	.7	.8
RP 4.05: SWINE	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.01: FOOD & NUTRITION	.1	.0	.0	.1	5.5	.0	.0	5.5	5.6
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	12.0	.0	.0	12.0	12.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.3	.0	.3	2.1	.0	.0	2.1	2.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 3

RESEARCH PROGRAM SUMMARY WISCONSIN

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 6.03: MARKETING & COMPETITION	.0	2.0	.0	2.0	4.2	.0	.0	4.2	6.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	6.7	.0	.0	6.7	23.6	.0	.0	23.6	30.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	7.3	.0	.0	7.3	7.3
GRAND TOTAL	21.4	5.0	116.1	142.5	149.0	.0	.0	149.0	291.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.7	.0	.0	4.7	5.0	.0	.0	5.0	9.7
RP 1.02: WATER & WATERSHEDS	19.8	2.0	3.6	25.3	5.6	.0	.0	5.6	31.0
RP 1.03: RECREATION	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 1.04: ENVIRONMENTAL QUALITY	.5	2.5	.0	3.0	5.9	.0	.0	5.9	8.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.6	.0	.0	.6	1.2	.0	.0	1.2	1.9
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.07: REMOTE SENSING	.6	.0	.0	.6	.6	.0	.0	.6	1.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	1.6	.0	2.0	3.6	6.6
RP 2.03: FOREST PROTECTION	.0	.0	3.0	3.0	1.0	.0	.0	1.0	4.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.3	.0	1.4	1.7	1.7
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	13.3	13.3	.8	.0	.0	.8	14.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	6.0	6.0	1.1	.0	.3	1.4	7.4
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.01: CORN	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.03: WHEAT	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.4	.0	.0	1.4	1.3	.0	.0	1.3	2.7
RP 3.06: SOYBEANS	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.08: SUGAR	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	6.4	.0	.0	6.4	5.3	.0	.0	5.3	11.7
RP 3.10: COTTON	19.1	.0	.0	19.1	12.3	.0	.0	12.3	31.4
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.2	.0	.0	.2	2.2	.0	.0	2.2	2.4
RP 3.13: FRUIT	.0	.0	.0	.0	6.4	.0	.0	6.4	6.4
RP 3.14: VEGETABLE CROPS	.4	.0	.0	.4	11.1	.0	.0	11.1	11.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	7.6	.0	.0	7.6	.0	.0	.0	.0	7.6
RP 4.01: BEEF	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 4.02: DAIRY	.0	.0	.0	.0	6.1	.0	.0	6.1	6.1
RP 4.03: POULTRY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.04: SHEEP	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.05: SWINE	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	2.0	.0	.0	2.0	2.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY ARIZONA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	7.1	.0	.0	7.1	7.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.6	.0	.0	1.6	7.7	.0	.0	7.7	9.3
GRAND TOTAL	62.9	4.5	28.9	96.3	120.3	.0	3.7	124.0	220.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	8.8	.3	.0	9.0	22.3	.0	.0	22.3	31.4
RP 1.02: WATER & WATERSHEDS	9.3	.2	.0	9.5	12.5	.0	.0	12.5	22.0
RP 1.03: RECREATION	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.04: ENVIRONMENTAL QUALITY	13.9	.0	.0	13.9	28.2	.0	.0	28.2	42.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.7	.2	.0	.9	4.4	.0	.0	4.4	5.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	4.9	.0	.0	4.9	4.9
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.9	.0	.3	2.2	2.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	17.8	17.8	4.7	.0	.6	5.3	23.1
RP 2.03: FOREST PROTECTION	.0	.0	33.1	33.1	9.8	.0	.0	9.8	42.9
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	13.1	.0	.0	13.1	13.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	13.8	13.8	2.2	.0	.2	2.4	16.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	5.0	5.0	2.3	.0	.0	2.3	7.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	3.0	3.0	1.0	.0	.0	1.0	4.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	5.0	5.0	.3	.0	.0	.3	5.3
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.03: WHEAT	8.9	.0	.0	8.9	4.4	.0	.0	4.4	13.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.0	.0	.8	2.6	.0	.0	2.6	3.5
RP 3.05: RICE	1.6	.0	.0	1.6	4.5	.0	.0	4.5	6.1
RP 3.06: SOYBEANS	.1	.0	.0	.1	2.3	.0	.0	2.3	2.4
RP 3.07: PEANUTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	7.9	.0	.0	7.9	1.7	.0	.0	1.7	9.5
RP 3.09: FORAGE, RANGE, & PASTURE	13.5	.0	.0	13.5	22.0	.0	.0	22.0	35.5
RP 3.10: COTTON	9.2	.0	.0	9.2	11.8	.0	.0	11.8	21.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.3	.0	.0	3.3	6.2	.0	.0	6.2	9.5
RP 3.13: FRUIT	39.6	.0	.0	39.6	67.4	.0	.0	67.4	107.0
RP 3.14: VEGETABLE CROPS	27.6	.0	.0	27.6	35.8	.0	.0	35.8	63.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.4	15.2	.0	.0	15.2	15.6
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 4.01: BEEF	.0	.0	.0	.0	11.8	.0	.0	11.8	11.8
RP 4.02: DAIRY	.0	.0	.0	.0	8.0	.0	.0	8.0	8.0
RP 4.03: POULTRY	6.9	.0	.0	6.9	10.2	.0	.0	10.2	17.1
RP 4.04: SHEEP	20.4	.0	.0	20.4	5.0	.0	.0	5.0	25.4
RP 4.05: SWINE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.1	.0	.0	2.1	3.6	.0	.0	3.6	5.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY CALIFORNIA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	9.0	.0	.0	9.0	9.0
RP 5.01: FOOD & NUTRITION	12.7	.0	.0	12.7	30.4	.0	.0	30.4	43.1
RP 5.02: FOOD SAFETY	11.9	.0	.0	11.9	13.4	.0	.0	13.4	25.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	18.0	.0	.0	18.0	18.0
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	10.7	.0	.0	10.7	10.7
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.0	.0	1.0	4.2	.0	.0	4.2	5.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	7.6	.0	.0	7.6	4.1	.0	.0	4.1	11.7
RP 6.03: MARKETING & COMPETITION	.8	2.6	.0	3.4	4.9	.0	.0	4.9	8.3
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	26.9	.0	.0	26.9	120.4	.0	.0	120.4	147.3
RP 9.01: UNCLASSIFIED	4.7	.0	.0	4.7	1.0	.0	.0	1.0	5.7
GRAND TOTAL	239.5	4.3	77.7	321.5	549.1	.0	1.1	550.2	871.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.8	1.1	.0	6.9	11.1	.0	.0	11.1	18.0
RP 1.02: WATER & WATERSHEDS	9.1	1.5	.0	10.6	15.3	.0	.0	15.3	25.9
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	6.5	.7	.0	7.2	5.6	.0	.0	5.6	12.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.3	.0	.0	1.3	2.3	.0	.0	2.3	3.6
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	5.0	5.0	.9	.0	.0	.9	5.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	3.0	3.0	.2	.0	.5	.7	3.7
RP 2.03: FOREST PROTECTION	.0	.0	12.4	12.4	.4	.0	.0	.4	12.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	4.0	4.0	.8	.0	1.4	2.2	6.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	9.2	9.2	.3	.0	.4	.7	9.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	4.6	4.6	.3	.0	.0	.3	4.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.1	2.1	1.2	.0	.0	1.2	3.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	3.5	3.5	.0	.0	.2	.2	3.7
RP 3.01: CORN	.0	.0	.0	.0	2.1	.0	.0	2.1	2.2
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.7	.0	.0	.7	.8
RP 3.03: WHEAT	.6	.0	.0	.6	3.7	.0	.0	3.7	4.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.1	2.4	.0	.0	2.4	2.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.08: SUGAR	5.0	.0	.0	5.0	1.3	.0	.0	1.3	6.3
RP 3.09: FORAGE, RANGE, & PASTURE	6.0	.0	.0	6.0	11.5	.0	.0	11.5	17.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.13: FRUIT	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	10.4	.0	.0	10.4	10.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.1	.0	.0	.1	3.5	.0	.0	3.5	3.6
RP 4.01: BEEF	2.2	.0	.0	2.2	10.1	.0	.0	10.1	12.3
RP 4.02: DAIRY	1.6	.0	.0	1.6	.8	.0	.0	.8	2.4
RP 4.03: POULTRY	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 4.04: SHEEP	3.2	.0	.0	3.2	1.0	.0	.0	1.0	4.3
RP 4.05: SWINE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.7	.0	.0	1.7	.2	.0	.0	.2	1.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	7.8	.0	.0	7.8	7.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY COLORADO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.7	.0	2.7	1.3	.0	.0	1.3	4.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.4	.0	.0	5.4	16.1	.0	.0	16.1	21.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	2.9	.0	.0	2.9	2.9
GRAND TOTAL	48.7	6.0	43.6	98.3	130.4	.0	2.5	132.9	231.2

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY HAWAII

	AR*	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.6	.6	.1	.0	.0	.1	.7
RP 2.02: TIMBER MANAGEMENT	.0	.0	5.3	5.3	.7	.0	.0	.7	6.0
RP 2.03: FOREST PROTECTION	.0	.0	2.0	2.0	.4	.0	.0	.4	2.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	1.4	1.4	.5	.0	.0	.5	1.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.3	1.3	.0	.0	.0	.0	1.3
RP 3.01: CORN	.0	.0	.0	.0	3.4	.0	.0	3.4	3.4
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.08: SUGAR	2.0	.0	.0	2.0	2.4	.0	.0	2.4	4.4
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 3.13: FRUIT	12.0	.0	.0	12.0	18.8	.0	.0	18.8	30.8
RP 3.14: VEGETABLE CROPS	.5	.0	.0	.5	11.7	.0	.0	11.7	12.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	10.0	.0	.0	10.0	10.0
RP 4.01: BEEF	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.02: DAIRY	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
RP 4.03: POULTRY	.0	.0	.0	.0	2.1	.0	.0	2.1	2.1
RP 4.05: SWINE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	4.3	.0	.0	4.3	4.3
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	4.8	.0	.0	4.8	4.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	2.5	.0	.0	2.5	2.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.3	.0	.0	3.3	3.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.8	.0	.0	.8	.8
GRAND TOTAL	14.5	.0	10.5	25.0	95.5	.0	.0	95.5	120.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	5.3	.0	.0	5.3	5.8	.0	.0	5.8	11.1
RP 1.02: WATER & WATERSHEDS	11.9	.0	.0	11.9	2.6	.0	.0	2.6	14.5
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAL QUALITY	3.9	.0	.0	3.9	4.4	.0	.0	4.4	8.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	1.6	1.6	1.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	10.8	10.8	.0	.0	5.9	5.9	16.7
RP 2.03: FOREST PROTECTION	.0	.0	3.7	3.7	.1	.0	7.4	7.5	11.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.1	.0	1.9	2.0	2.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.5	2.5	.2	.0	2.3	2.5	5.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.9	1.9	.0	.0	11.8	11.8	13.6
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	1.4	1.4	1.4
RP 3.01: CORN	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	1.1	.0	.0	1.1	7.3	.0	.0	7.3	8.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	1.0	1.2	.0	.0	1.2	2.2
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.08: SUGAR	.6	.0	.0	.6	1.8	.0	.0	1.8	2.4
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.5	1.5	3.5	.0	.0	3.5	5.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.13: FRUIT	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.14: VEGETABLE CROPS	2.4	.0	.0	2.4	16.9	.0	.0	16.9	19.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 4.01: BEEF	.0	.0	.0	.0	7.7	.0	.0	7.7	7.7
RP 4.02: DAIRY	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 4.03: POULTRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.04: SHEEP	5.2	.0	.0	5.2	2.4	.0	.0	2.4	7.6
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY IDAHO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	3.6	.0	.0	3.6	3.6
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.4	.0	.1	3.5	3.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	10.0	10.0	10.0
GRAND TOTAL	32.3	.0	19.4	51.7	79.8	.0	43.4	123.1	174.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.0	.0	.0	4.0	9.3	.0	.0	9.3	13.3
RP 1.02: WATER & WATERSHEDS	2.0	.0	.0	2.0	2.8	.0	.0	2.8	4.8
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	2.7	.0	.0	2.7	2.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.7	.0	.4	1.1	1.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	1.5	1.5	.0	.0	.5	.5	2.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	7.7	7.7	.0	.0	.9	.9	8.6
RP 2.03: FOREST PROTECTION	.0	.0	21.0	21.0	.0	.0	.6	.6	21.6
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	6.2	6.2	.0	.0	.3	.3	6.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	7.0	7.0	.0	.0	.0	.0	7.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.0	.0	1.3	1.3	4.3
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.0	2.0	.0	.0	1.1	1.1	3.1
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.1	.1	.0	.0	.1	.1	.2
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.1	.1	.1
RP 3.01: CORN	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.03: WHEAT	1.9	.0	.0	1.9	9.6	.0	.0	9.6	11.5
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.3	.0	.0	1.3	7.4	.0	.0	7.4	8.7
RP 3.08: SUGAR	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 3.09: FORAGE, RANGE, & PASTURE	7.4	.0	.0	7.4	10.7	.0	.0	10.7	18.1
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.13: FRUIT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.01: BEEF	7.4	.0	.0	7.4	17.0	.0	.0	17.0	24.4
RP 4.02: DAIRY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.03: POULTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.04: SHEEP	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.05: SWINE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.9	.0	.0	4.0	4.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY MONTANA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.2	.0	.0	3.2	3.2
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	3.7	.0	5.0	8.7	8.7
GRAND TOTAL	24.0	.0	48.5	72.5	88.8	.0	10.3	99.1	171.6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY NEVADA

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.03: RECREATION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.4	.4	.4	.0	.0	.4	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	1.6	1.6	.1	.0	.0	.1	1.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	5.2	.0	.0	5.2	7.4	.0	.0	7.4	12.6
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 4.01: BEEF	.0	.0	.0	.0	6.9	.0	.0	6.9	6.9
RP 4.02: DAIRY	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.04: SHEEP	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	5.2	.0	2.0	7.2	35.5	.0	.0	35.5	42.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY NEW MEXICO

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.3	.0	.0	.3	2.4	.0	.0	2.4	2.6
RP 1.02: WATER & WATERSHEDS	.4	.0	.0	.4	2.0	.0	.0	2.0	2.4
RP 1.03: RECREATION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	2.4	.0	.0	2.4	2.4
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.3	.1	.0	.4	.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.3	2.3	.2	.0	.0	.2	2.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.7	.7	.2	.0	.0	.2	.9
RP 3.01: CORN	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 3.03: WHEAT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 3.06: SOYBEANS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 3.07: PEANUTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 3.08: SUGAR	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.09: FORAGE, RANGE, & PASTURE	3.6	.0	.0	3.6	13.0	.0	.0	13.0	16.6
RP 3.10: COTTON	5.6	.0	.0	5.6	5.4	.0	.0	5.4	11.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 3.13: FRUIT	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	2.6	.0	.0	2.6	2.6
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.01: BEEF	.9	.0	.0	.9	6.6	.0	.0	6.6	7.5
RP 4.02: DAIRY	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.03: POULTRY	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 4.04: SHEEP	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	5.8	.0	.0	5.8	5.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.2	.0	.0	2.2	2.2
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.8	.0	.0	1.8	1.8
GRAND TOTAL	10.7	.0	3.0	13.7	65.9	.1	.0	66.0	79.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	2.1	.0	.0	2.1	3.7	.0	.0	3.7	5.8
RP 1.02: WATER & WATERSHEDS	2.4	1.0	.0	3.4	2.1	.0	.0	2.1	5.5
RP 1.03: RECREATION	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 1.04: ENVIRONMENTAL QUALITY	.0	3.5	.0	3.5	10.3	.0	.0	10.3	13.8
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.2	.0	.0	.2	.0	.0	.8	.8	1.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	9.3	9.3	.0	.0	.3	.3	9.6
RP 2.02: TIMBER MANAGEMENT	.0	.0	15.0	15.0	1.8	.0	17.9	19.7	34.6
RP 2.03: FOREST PROTECTION	.0	.0	26.2	26.2	1.3	.0	3.3	4.6	30.8
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	8.0	8.0	.0	.0	19.2	19.2	27.2
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	3.8	3.8	1.0	.0	5.0	5.9	9.8
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	11.3	11.3	.1	.0	1.4	1.5	12.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.6	.0	1.0	1.6	1.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	5.8	5.8	.1	.0	.8	.9	6.7
RP 3.01: CORN	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 3.03: WHEAT	3.9	.0	.0	3.9	8.2	.0	.0	8.2	12.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.8	.0	.0	.8	3.6	.0	.0	3.6	4.5
RP 3.06: SOYBEANS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.08: SUGAR	.2	.0	.0	.2	.0	.0	.0	.0	.2
RP 3.09: FORAGE, RANGE, & PASTURE	4.9	.0	.0	4.9	11.5	.0	.0	11.5	16.4
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.0	.0	.0	4.0	1.1	.0	.0	1.1	5.1
RP 3.13: FRUIT	3.0	.0	.0	3.0	16.6	.0	.0	16.6	19.6
RP 3.14: VEGETABLE CROPS	1.0	.0	.0	1.0	10.7	.0	.0	10.7	11.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	3.9	.0	.0	3.9	4.5	.0	.0	4.5	8.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.4	.0	.0	1.4	1.4
RP 4.01: BEEF	.0	1.2	.0	1.2	10.7	.0	.0	10.7	11.9
RP 4.02: DAIRY	.0	.0	.0	.0	3.5	.0	.0	3.5	3.5
RP 4.03: POULTRY	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.04: SHEEP	.0	.0	.0	.0	3.1	.0	.0	3.1	3.1
RP 4.05: SWINE	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	1.6	.0	.0	1.6	1.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	3.0	.0	.0	3.0	3.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	4.7	.0	.0	4.7	4.7
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	5.0	.0	.0	5.0	5.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	5.1	.0	.0	5.1	5.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY OREGON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	2.3	.0	.0	2.3	2.3
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.8	15.1	.0	.0	15.1	15.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	27.3	5.7	79.3	112.3	146.7	.0	49.7	196.4	308.7

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY UTAH

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	4.0	.0	.0	4.0	4.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 1.03: RECREATION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	4.0	4.0	.2	.0	.0	.2	4.2
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 2.03: FOREST PROTECTION	.0	.0	4.0	4.0	.0	.0	.0	.0	4.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	7.9	7.9	1.2	.0	.0	1.2	9.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	8.7	8.7	1.1	.0	.0	1.1	9.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	1.0	1.0	1.2	.0	.0	1.2	2.2
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 3.01: CORN	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	.8	.0	.0	.8	2.1	.0	.0	2.1	2.9
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.2	.0	.0	.2	1.5	.0	.0	1.5	1.7
RP 3.08: SUGAR	4.0	.0	.0	4.0	.0	.0	.0	.0	4.0
RP 3.09: FORAGE, RANGE, & PASTURE	6.1	.0	.0	6.1	5.6	.0	.0	5.6	11.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.1	.0	.0	.1	3.0	.0	.0	3.0	3.1
RP 3.14: VEGETABLE CROPS	.5	.0	.0	.5	1.7	.0	.0	1.7	2.1
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 4.01: BEEF	2.3	.0	.0	2.3	5.9	.0	.0	5.9	8.2
RP 4.02: DAIRY	2.3	.0	.0	2.3	6.2	.0	.0	6.2	8.5
RP 4.03: POULTRY	.0	.0	.0	.0	3.7	.0	.0	3.7	3.7
RP 4.04: SHEEP	1.4	.0	.0	1.4	5.8	.0	.0	5.8	7.2
RP 4.05: SWINE	.6	.0	.0	.6	.2	.0	.0	.2	.7
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	1.9	.0	.0	1.9	1.9
RP 5.02: FOOD SAFETY	.3	.0	.0	.3	2.2	.0	.0	2.2	2.5
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.9	.0	.0	.9	7.7	.0	.0	7.7	8.6
RP 9.01: UNCLASSIFIED	3.0	.0	.0	3.0	.4	.0	.0	.4	3.4
GRAND TOTAL	22.6	.0	25.6	48.2	70.1	.0	.0	70.1	118.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	4.1	.0	.0	4.1	8.5	.0	.0	8.5	12.6
RP 1.02: WATER & WATERSHEDS	3.0	.0	.0	3.0	2.3	.0	.0	2.3	5.3
RP 1.03: RECREATION	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.04: ENVIRONMENTAI QUALITY	1.2	.0	.0	1.2	2.9	.0	.0	2.9	4.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 1.06: FISH & WILDLIFE	.3	.0	.0	.3	.5	.0	.0	.5	.7
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.9	.0	.4	1.3	1.3
RP 2.02: TIMBER MANAGEMENT	.0	.0	6.0	6.0	1.5	.0	13.3	14.8	20.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	1.6	.0	1.4	3.0	3.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	3.2	3.2	4.9	.0	9.0	13.9	17.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	5.6	5.6	.3	.0	17.1	17.4	22.9
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.4	.0	4.7	5.1	5.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	2.0	2.0	.0	.0	8.6	8.6	10.6
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 2.09: TECHINICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.2	.2	.2
RP 3.01: CORN	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 3.03: WHEAT	10.4	.0	.0	10.4	7.4	.0	.0	7.4	17.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.4	1.9	.0	.0	1.9	2.3
RP 3.06: SOYBEANS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.08: SUGAR	1.0	.0	.0	1.0	.6	.0	.0	.6	1.6
RP 3.09: FORAGE, RANGE, & PASTURE	6.7	.0	.0	6.7	3.0	.0	.0	3.0	9.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.9	.0	.0	1.9	3.5	.0	.0	3.5	5.4
RP 3.13: FRUIT	19.0	.0	.0	19.0	20.6	.0	.0	20.6	39.6
RP 3.14: VEGETABLE CROPS	16.2	.0	.0	16.2	17.2	.0	.0	17.2	33.3
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.2	7.3	.0	.0	7.3	7.5
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 4.01: BEEF	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 4.02: DAIRY	.0	.0	.0	.0	4.4	.0	.0	4.4	4.4
RP 4.03: POULTRY	.0	.0	.0	.0	4.1	.0	.0	4.1	4.1
RP 4.04: SHEEP	1.2	.0	.0	1.2	1.9	.0	.0	1.9	3.1
RP 4.05: SWINE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.2	.0	.0	1.2	.4	.0	.0	.4	1.6
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	5.4	.0	.0	5.4	5.4
RP 5.02: FOOD SAFETY	1.4	.0	.0	1.4	1.7	.0	.0	1.7	3.2
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.3	.0	.0	.3	4.5	.0	.0	4.5	4.8

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY WASHINGTON

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.8	.0	.0	.8	.3	.0	.0	.3	1.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	2.8	.0	.0	2.8	2.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.6	.0	.0	.6	.0	.0	.0	.0	.6
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	3.9	.0	.0	3.9	3.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	4.3	.0	.0	4.3	8.1	.0	.0	8.1	12.4
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	1.7	.0	6.2	7.9	7.9
GRAND TOTAL	74.1	.0	16.7	90.8	132.8	.0	60.9	193.7	284.5

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY WYOMING

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.6	.0	.0	.6	.5	.0	.0	.5	1.1
RP 1.02: WATER & WATERSHEDS	1.2	.0	.0	1.2	2.2	.0	.0	2.2	3.4
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	2.5	2.5	.0	.0	.0	.0	2.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	3.0	3.0	.8	.0	.0	.8	3.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.01: CORN	.0	.0	.0	.0	.4	.0	.0	.4	.4
RP 3.03: WHEAT	.0	.0	.0	.0	1.3	.0	.0	1.3	1.3
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.08: SUGAR	.0	.0	.0	.0	1.2	.0	.0	1.2	1.2
RP 3.09: FORAGE, RANGE, & PASTURE	2.7	.0	.0	2.7	5.2	.0	.0	5.2	8.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.1	.0	.0	.1	.1	.0	.0	.1	.2
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.1	.0	.0	2.1	.0	.0	.0	.0	2.1
RP 4.01: BEEF	.1	.0	.0	.1	7.3	.0	.0	7.3	7.4
RP 4.02: DAIRY	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 4.03: POULTRY	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 4.04: SHEEP	.0	.0	.0	.0	4.2	.0	.0	4.2	4.2
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.8	.0	.0	.8	.8
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.1	.0	.0	.1	.1
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.6	.0	.0	.6	.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	.0	.0	.0	.0	.2	.0	.0	.2	.2
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	1.5	.0	.0	1.5	1.5
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.4	.0	.0	.4	3.4	.0	.0	3.4	3.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	7.2	.0	5.5	12.7	39.4	.0	.0	39.4	52.1

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1979 REGION 4

RESEARCH PROGRAM SUMMARY GUAM

	AR	ESCS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY SCHOOLS	CR/SAES TOTAL	TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	1.1	.0	.0	1.1	1.1
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.5	.0	.0	.5	.5
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 3.13: FRUIT	.0	.0	.0	.0	1.7	.0	.0	1.7	1.7
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	4.5	.0	.0	4.5	4.5
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.7	.0	.0	.7	.7
RP 4.05: SWINE	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.9	.0	.0	.9	.9
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.3	.0	.0	.3	.3
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.6	.0	.0	.6	.6
GRAND TOTAL	.0	.0	.0	.0	11.5	.0	.0	11.5	11.5

*U.S. GOVERNMENT PRINTING OFFICE: 1982-0-522-011/3791